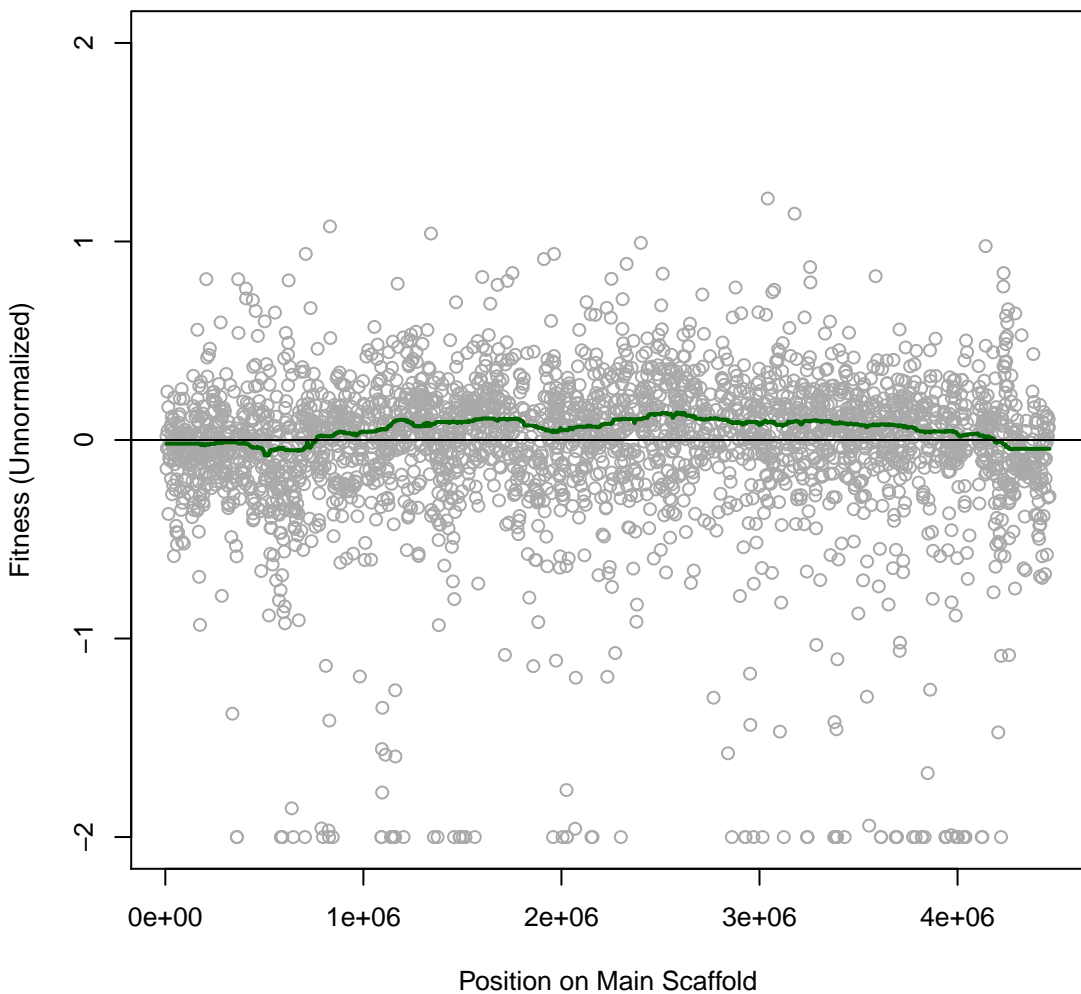
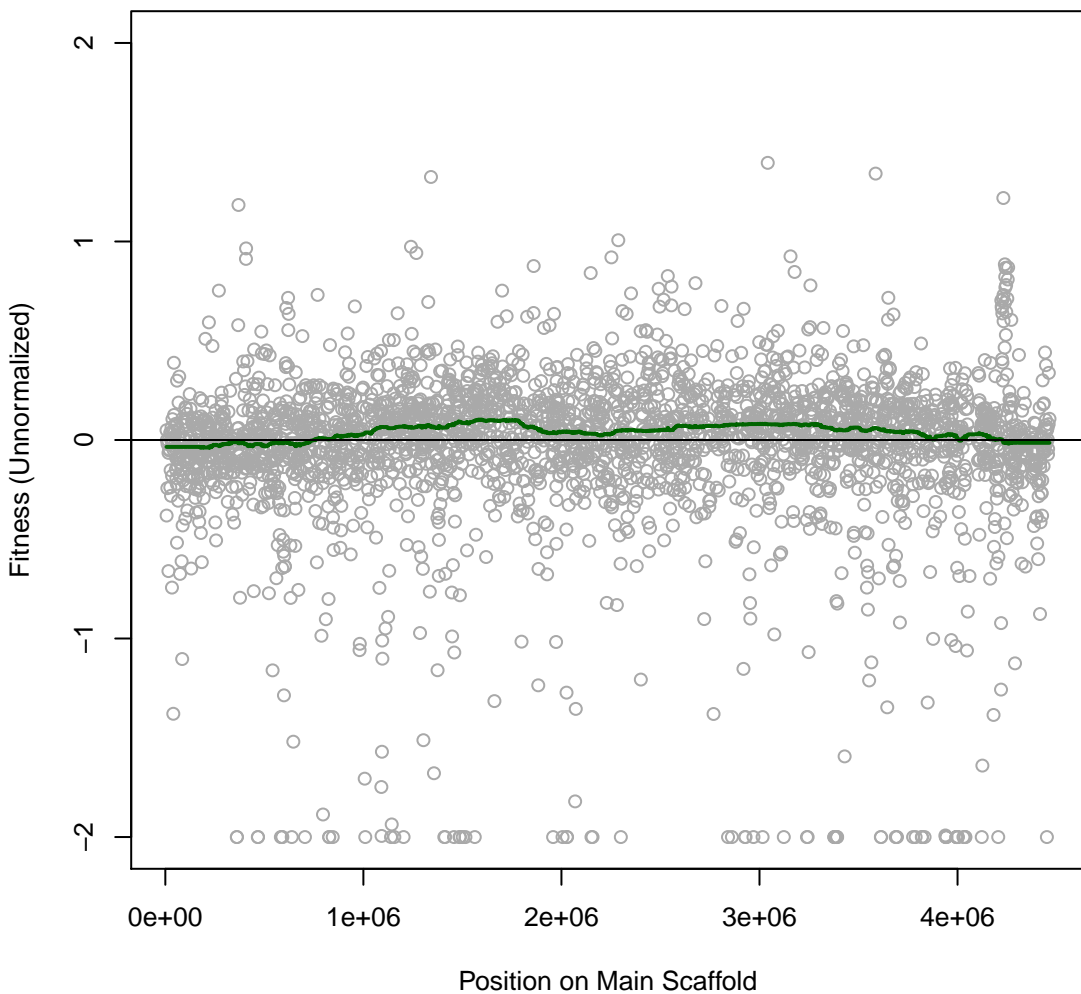


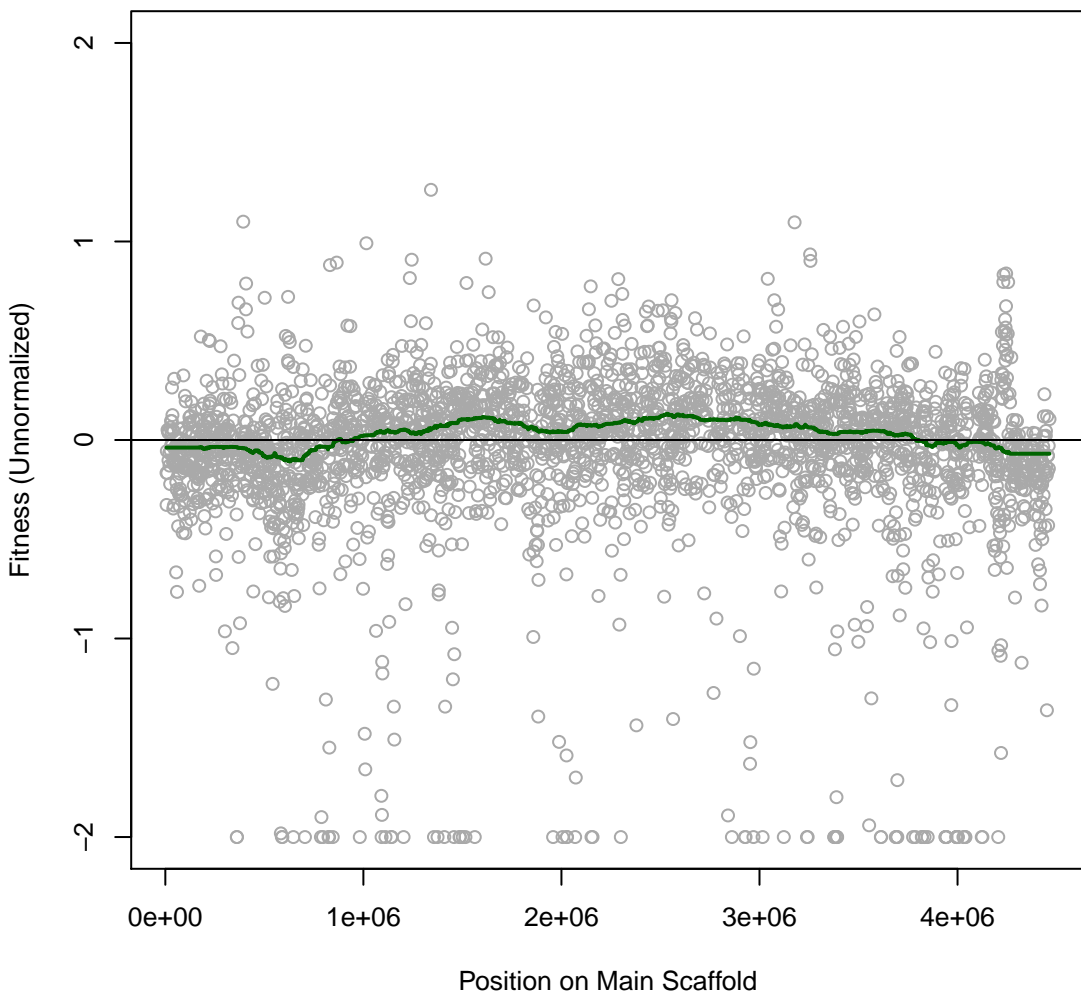
BFirm 1IT001 #1 (gMed=150 rho12=0.183)
D-Glucose (C)



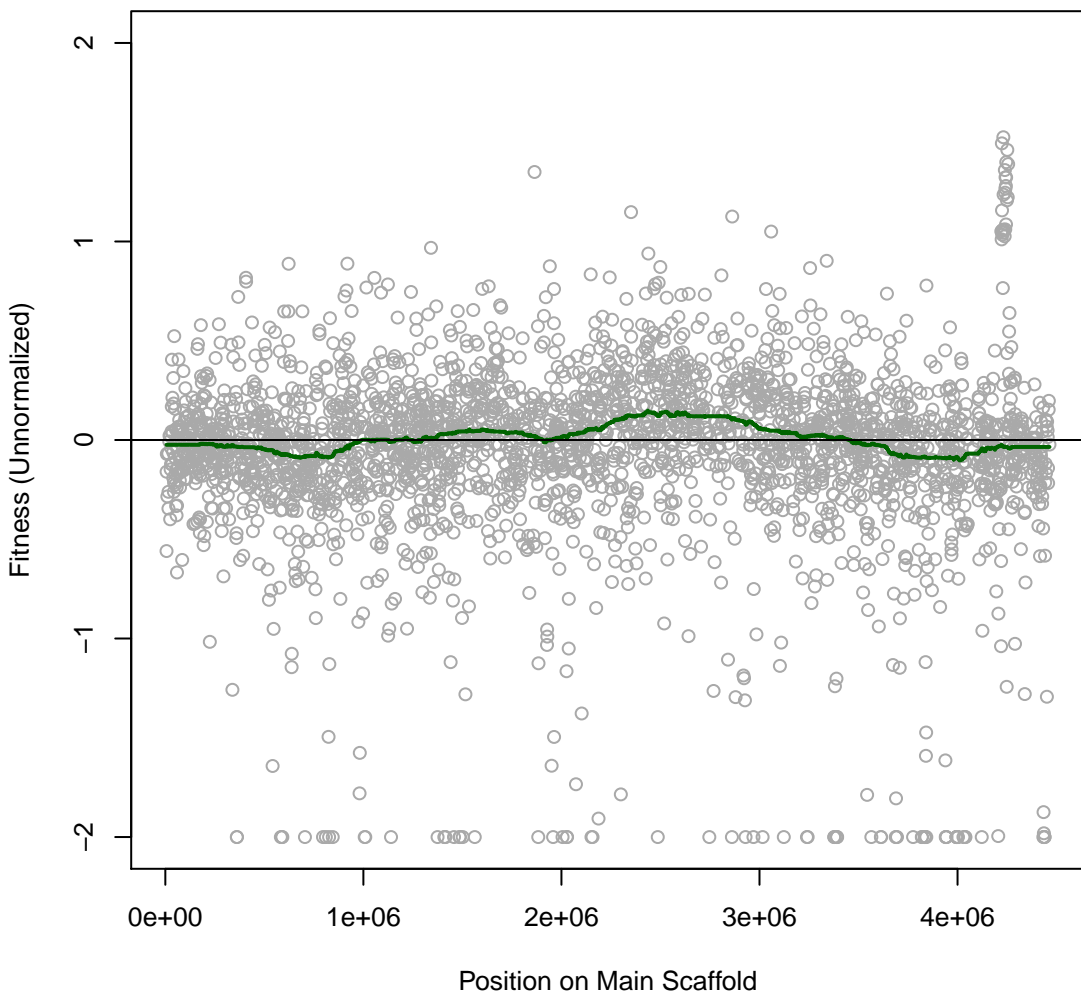
BFirm 1IT002 #2 (gMed=200 rho12=0.147)
D-Fructose (C)



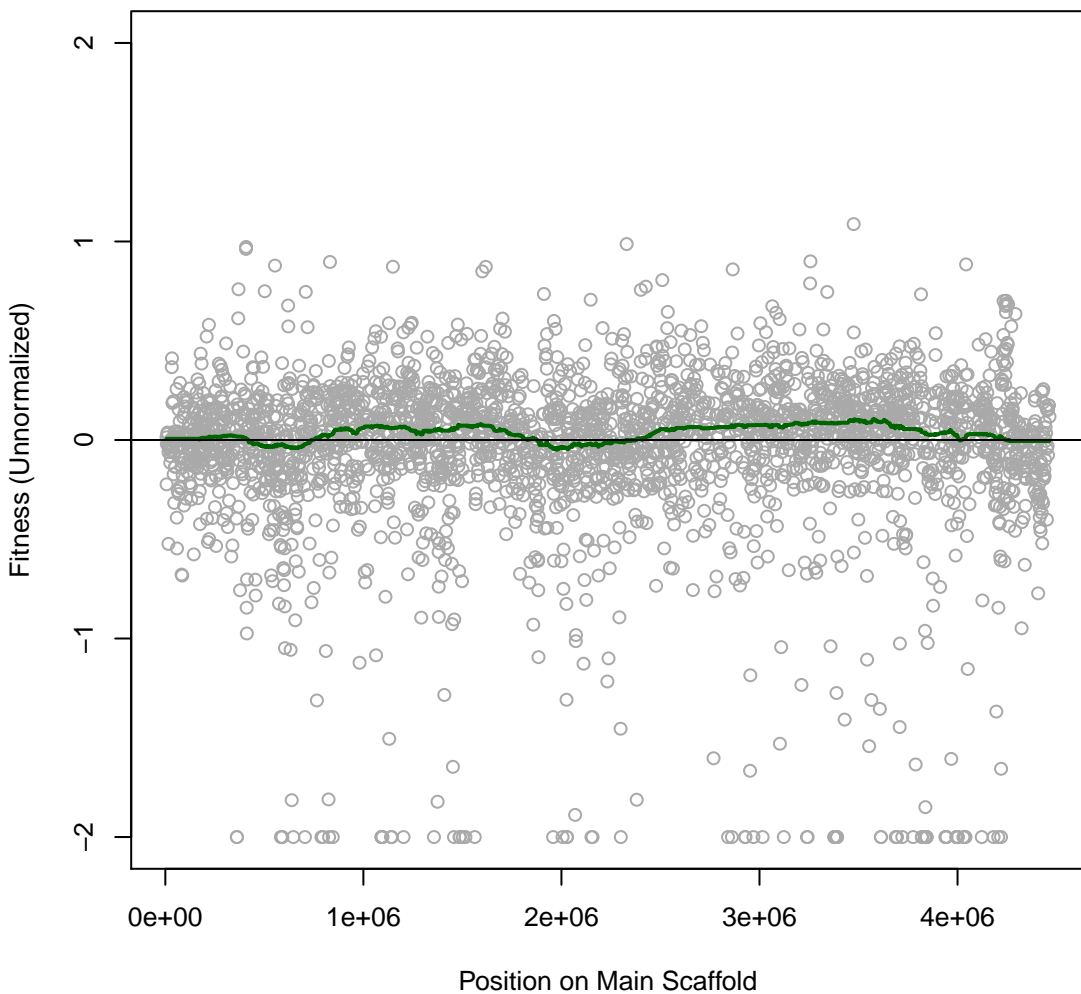
BFirm 1IT003 #3 (gMed=208 rho12=0.193)
Sucrose (C)



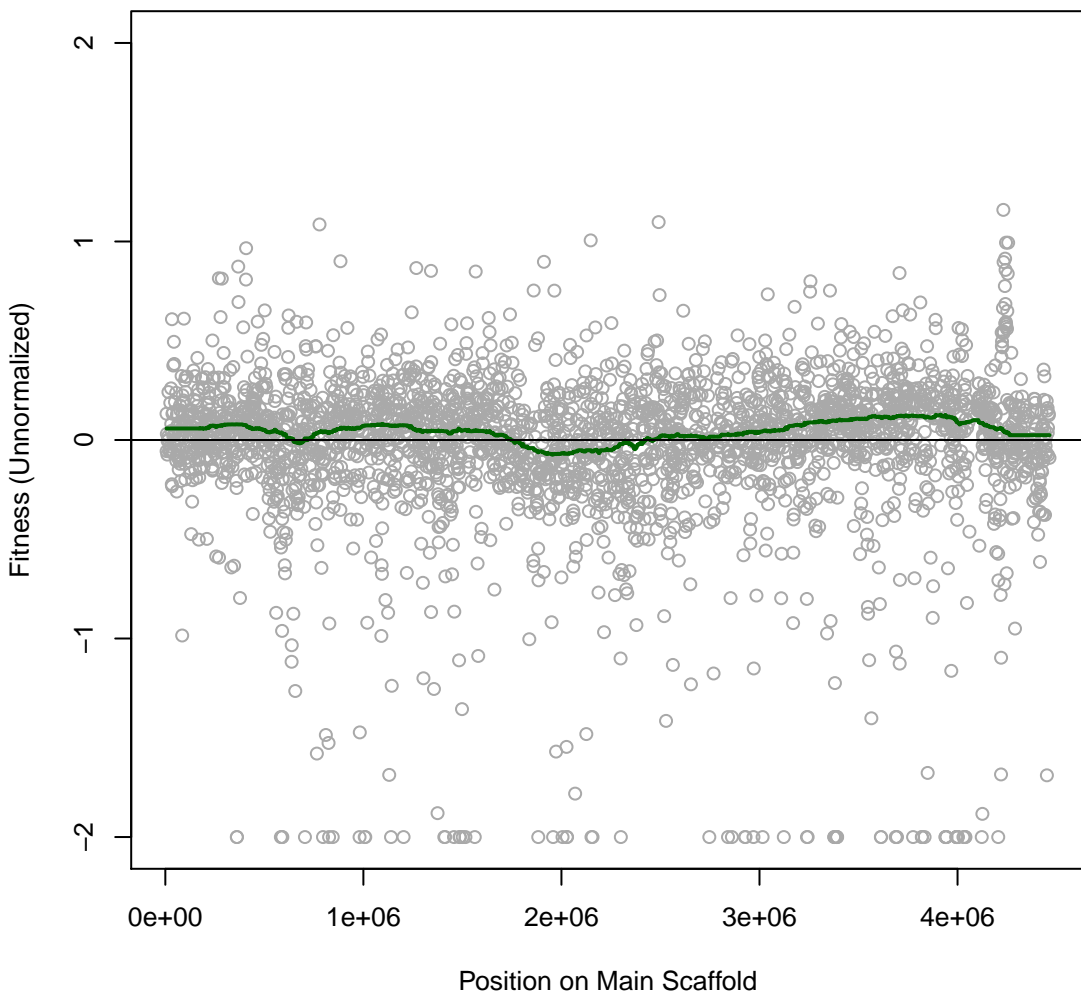
BFirm 1IT004 #4 (gMed=192 rho12=0.145)
L-Arabinose (C)



BFirm 1IT005 #5 (gMed=204 rho12=0.219)
D-Galactose (C)

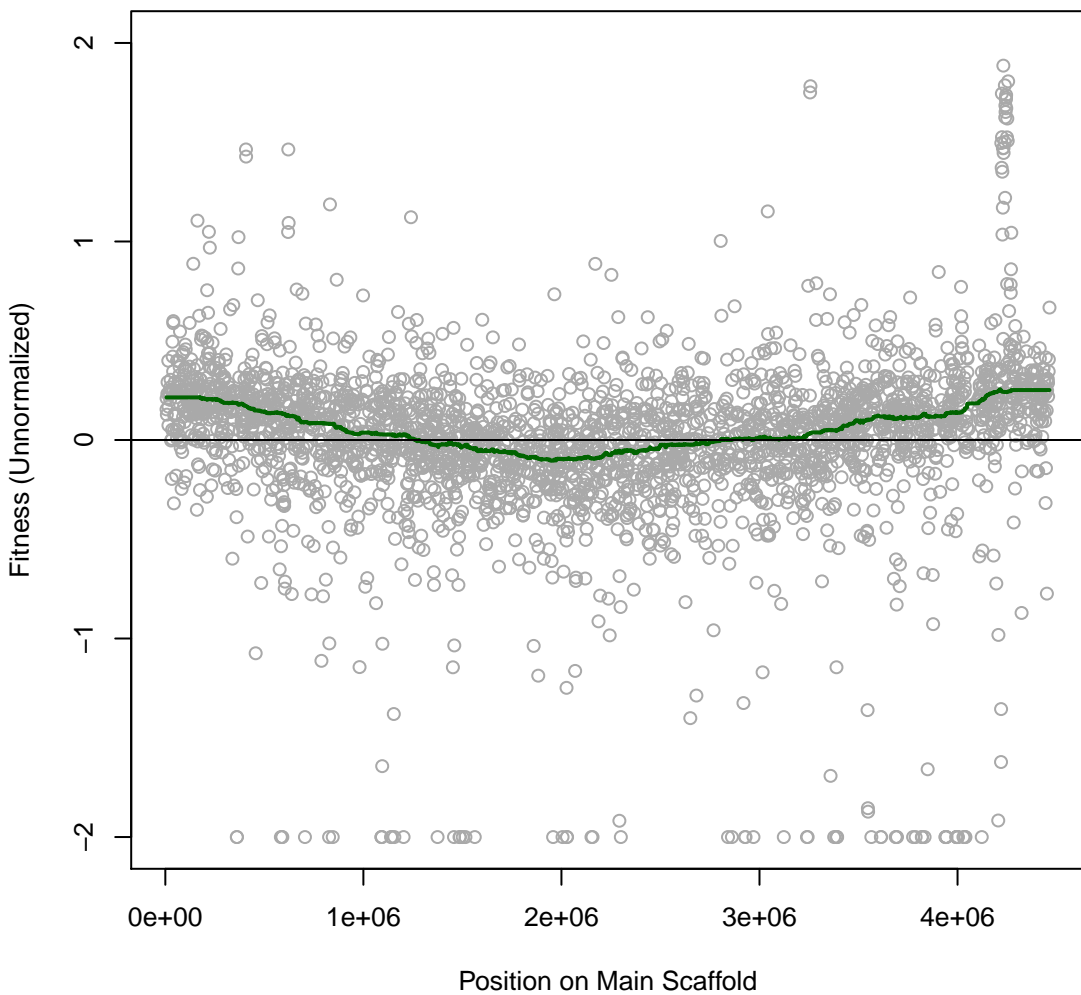


BFirm 1IT006 #6 (gMed=236 rho12=0.201)
L-Rhamnose (C)

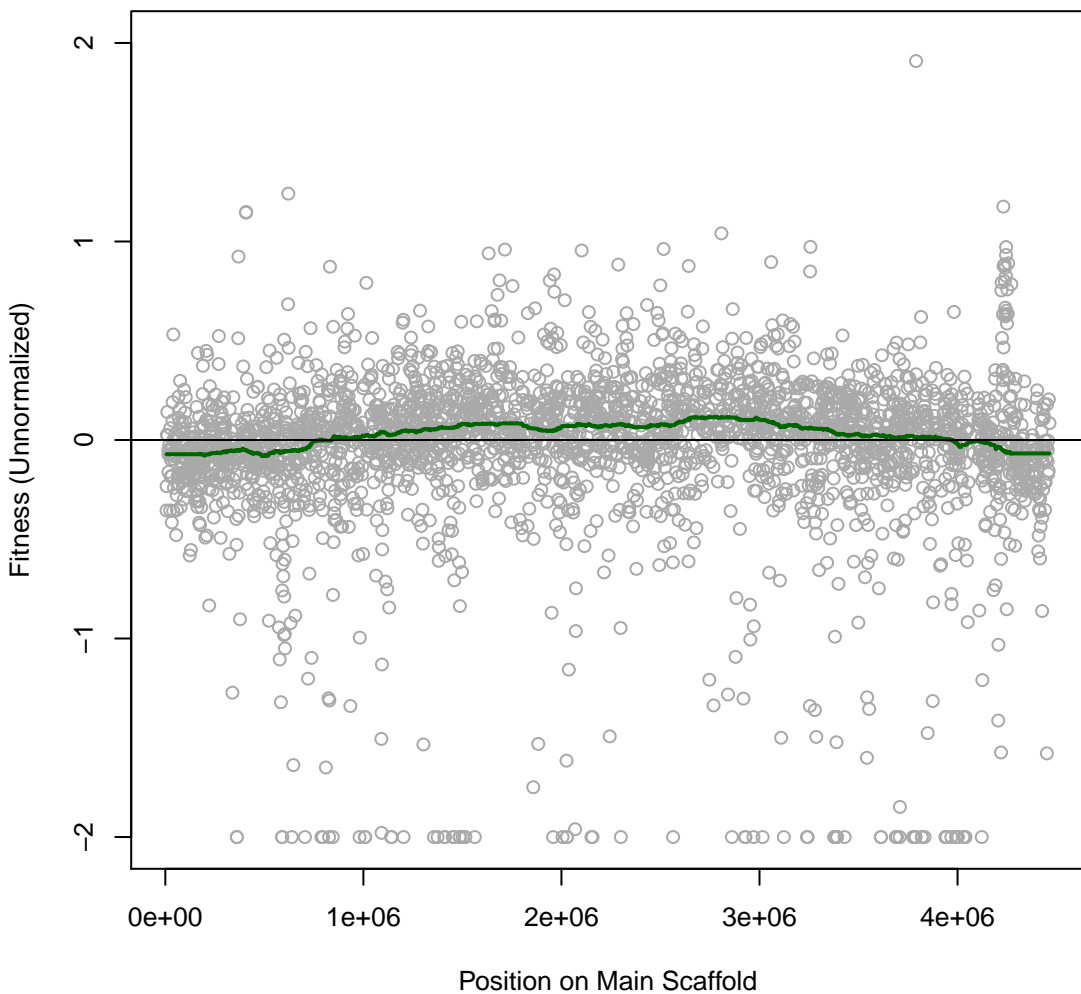


BFirm 1IT007 #7 (gMed=215 rho12=0.168)

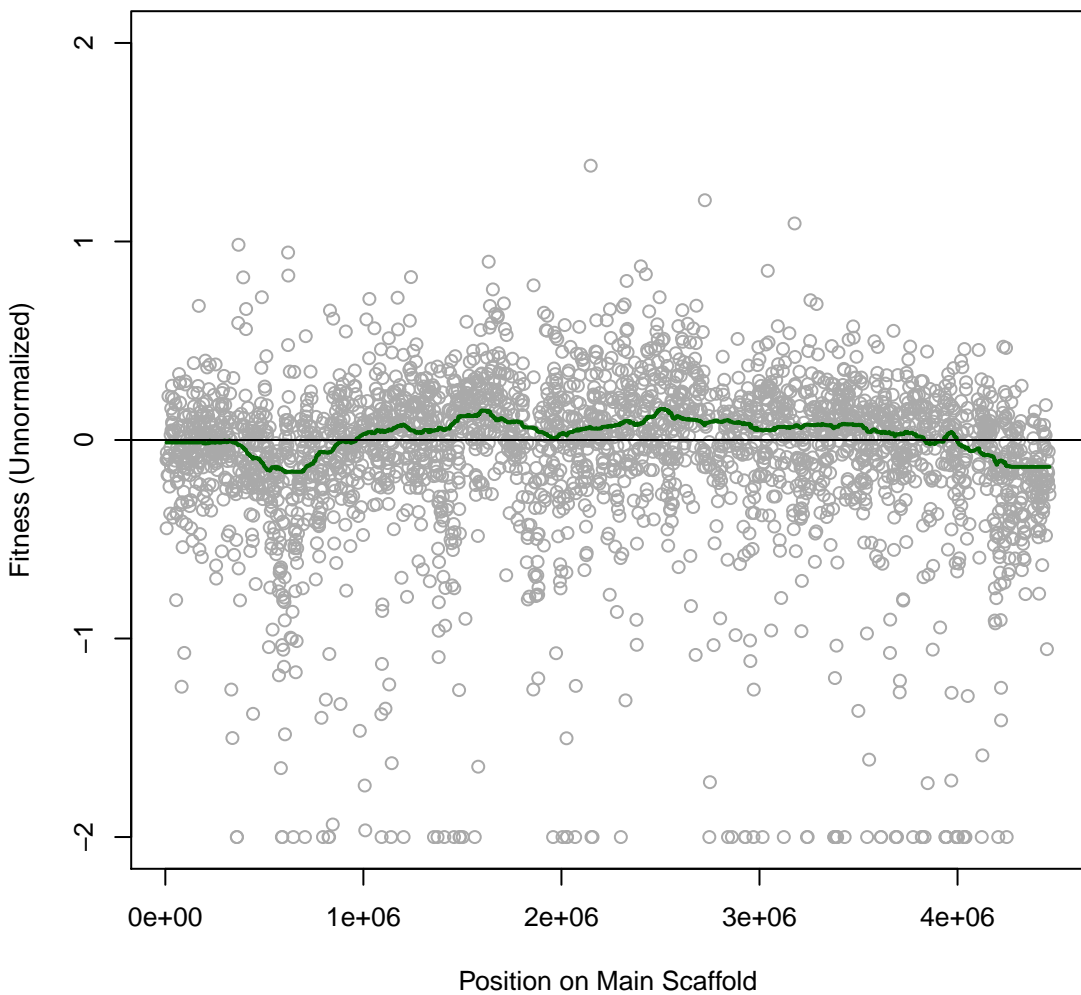
D-Ribose (C)



BFirm 1IT008 #8 (gMed=245 rho12=0.185)
D-Gluconic Acid (C)

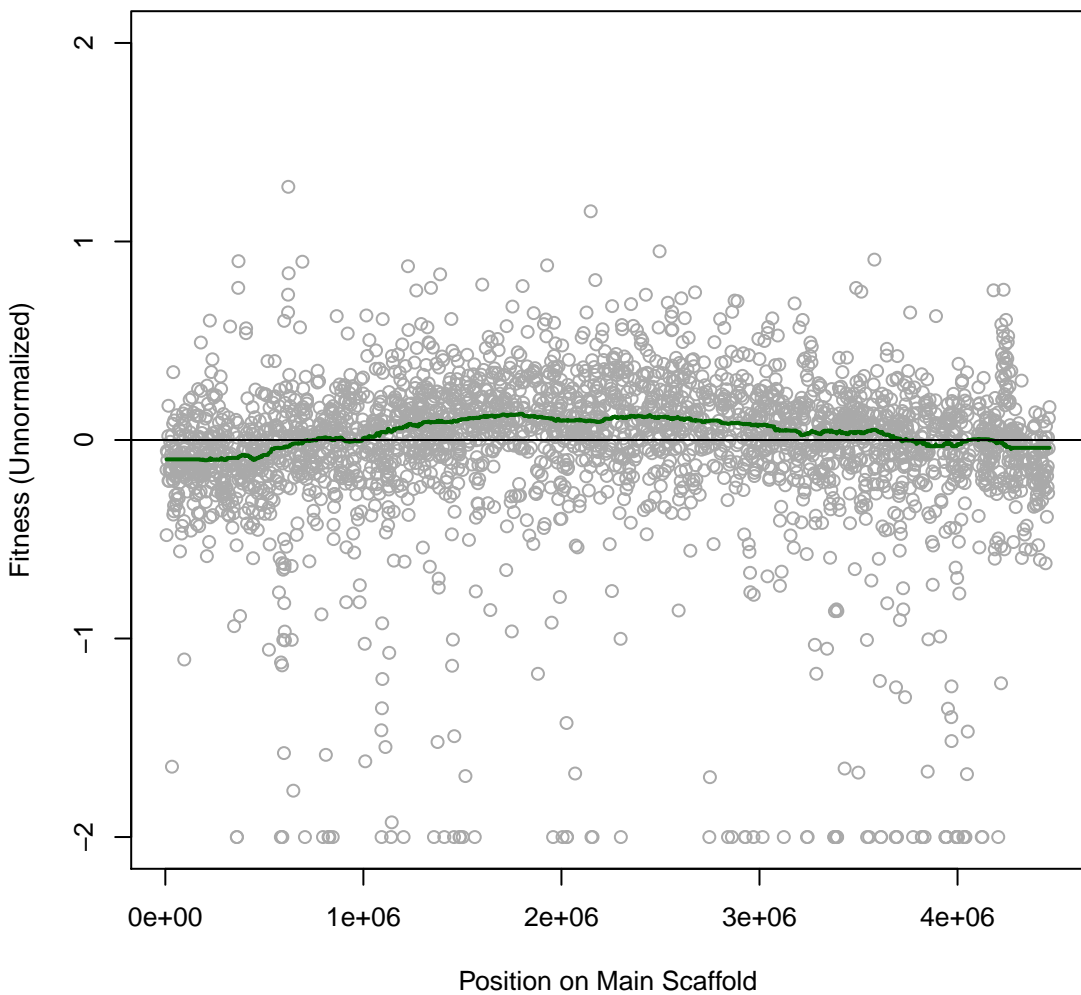


BFirm 1IT009 #9 (gMed=227 rho12=0.243)
D-Lactate (C)

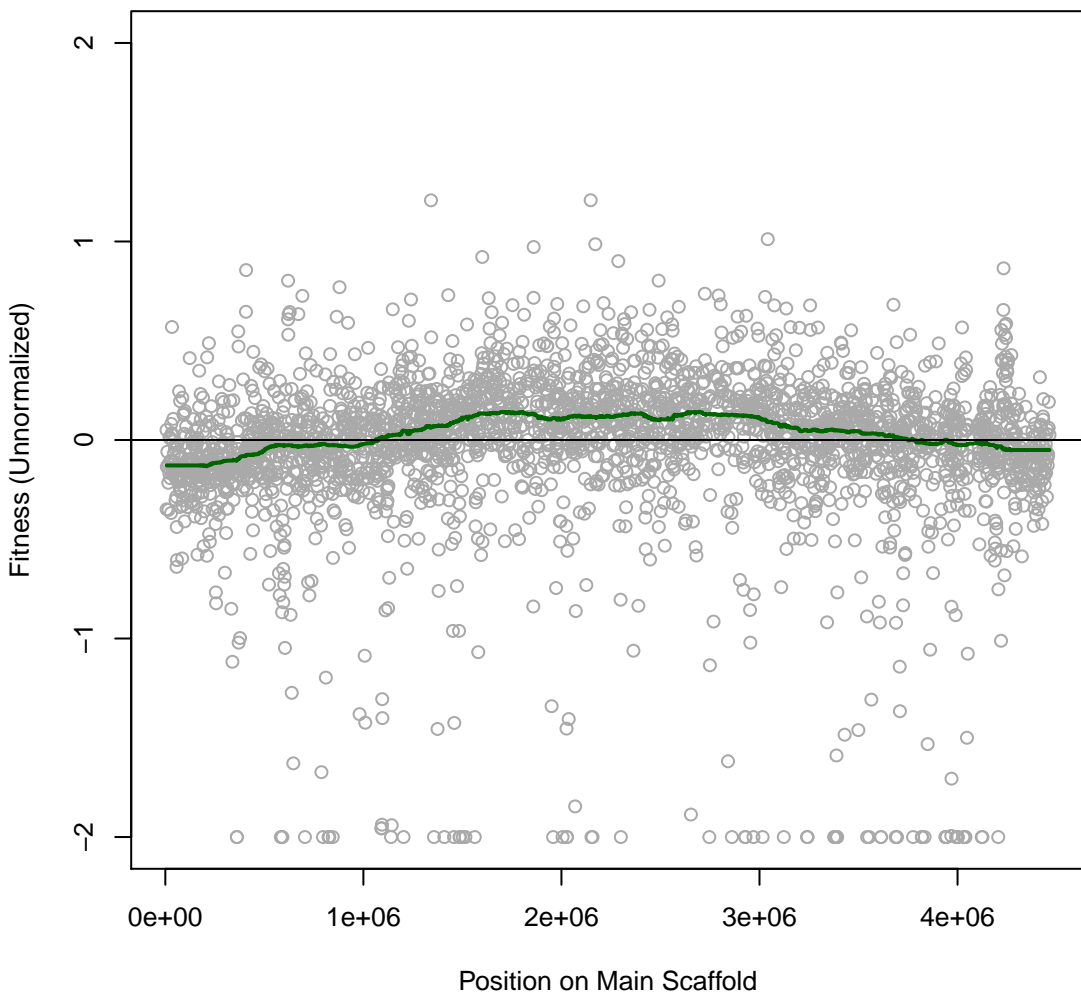


BFirm 1IT010 #10 (gMed=226 rho12=0.185)

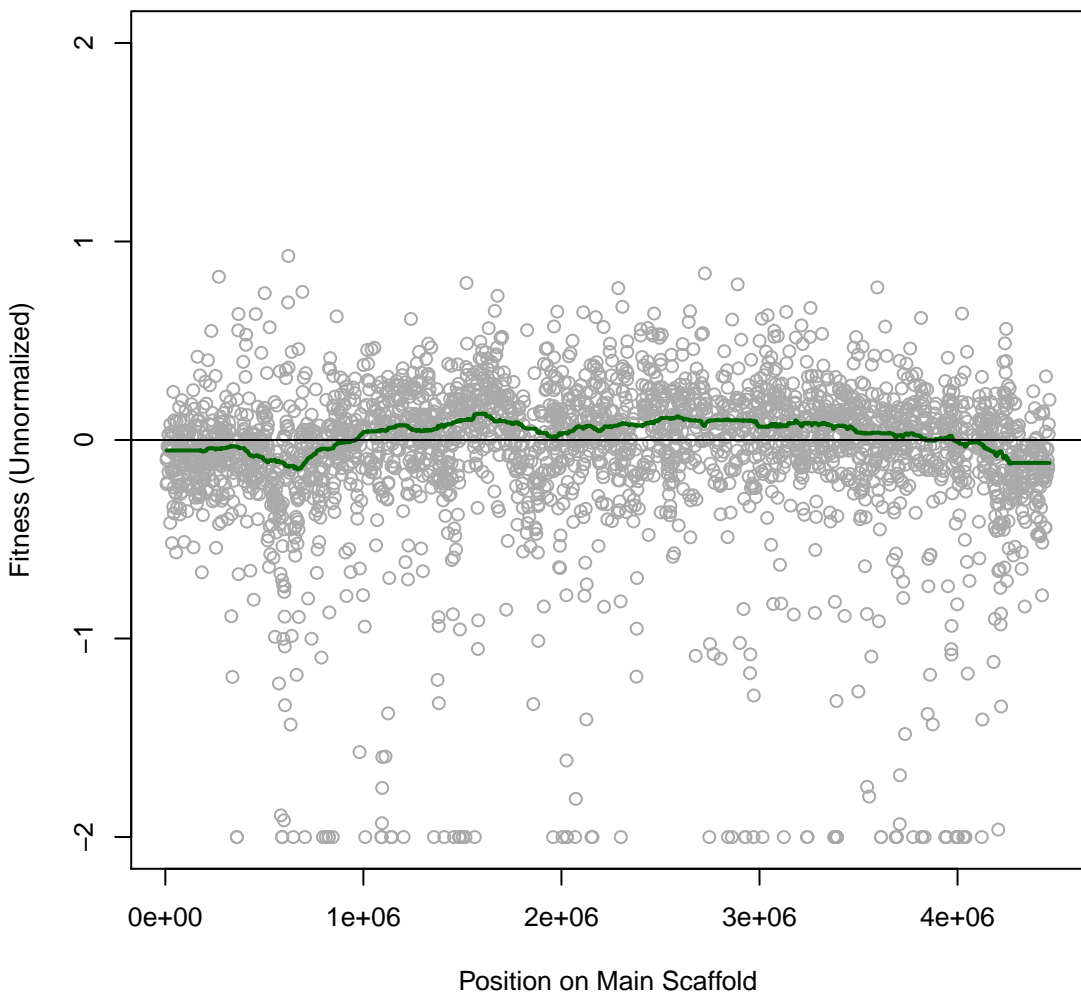
L-Lactate (C)



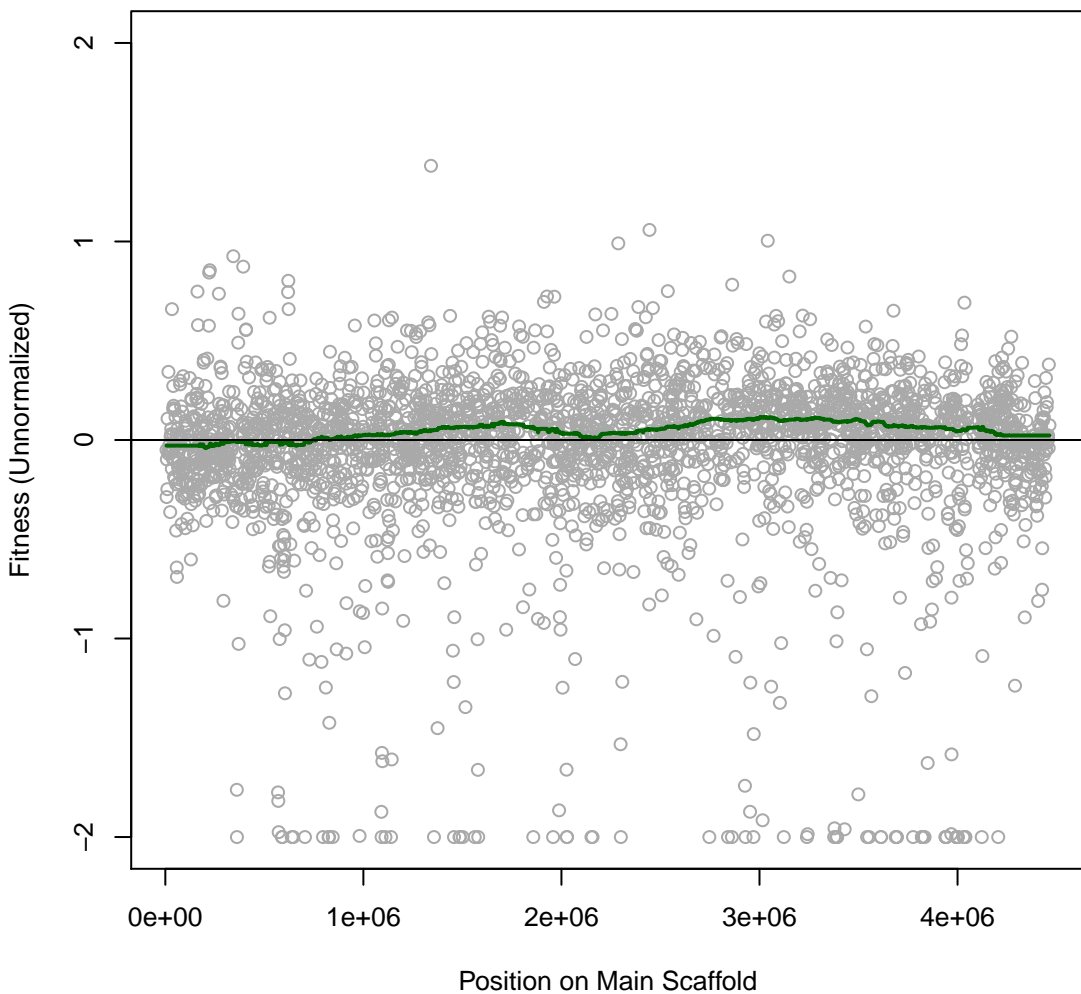
BFirm 1IT011 #11 (gMed=198 rho12=0.151)
D,L-Lactate (C)



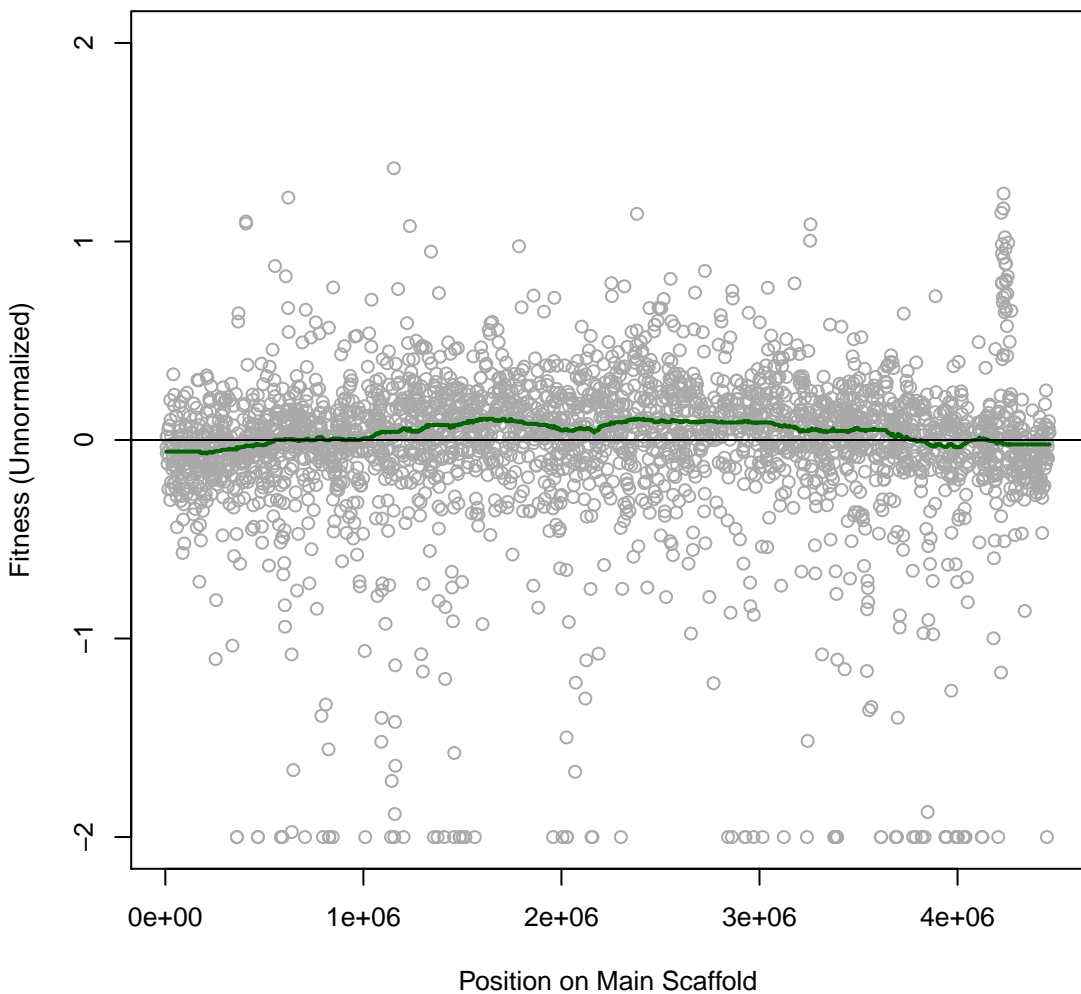
BFirm 1IT012 #12 (gMed=258 rho12=0.226)
pyruvate (C)



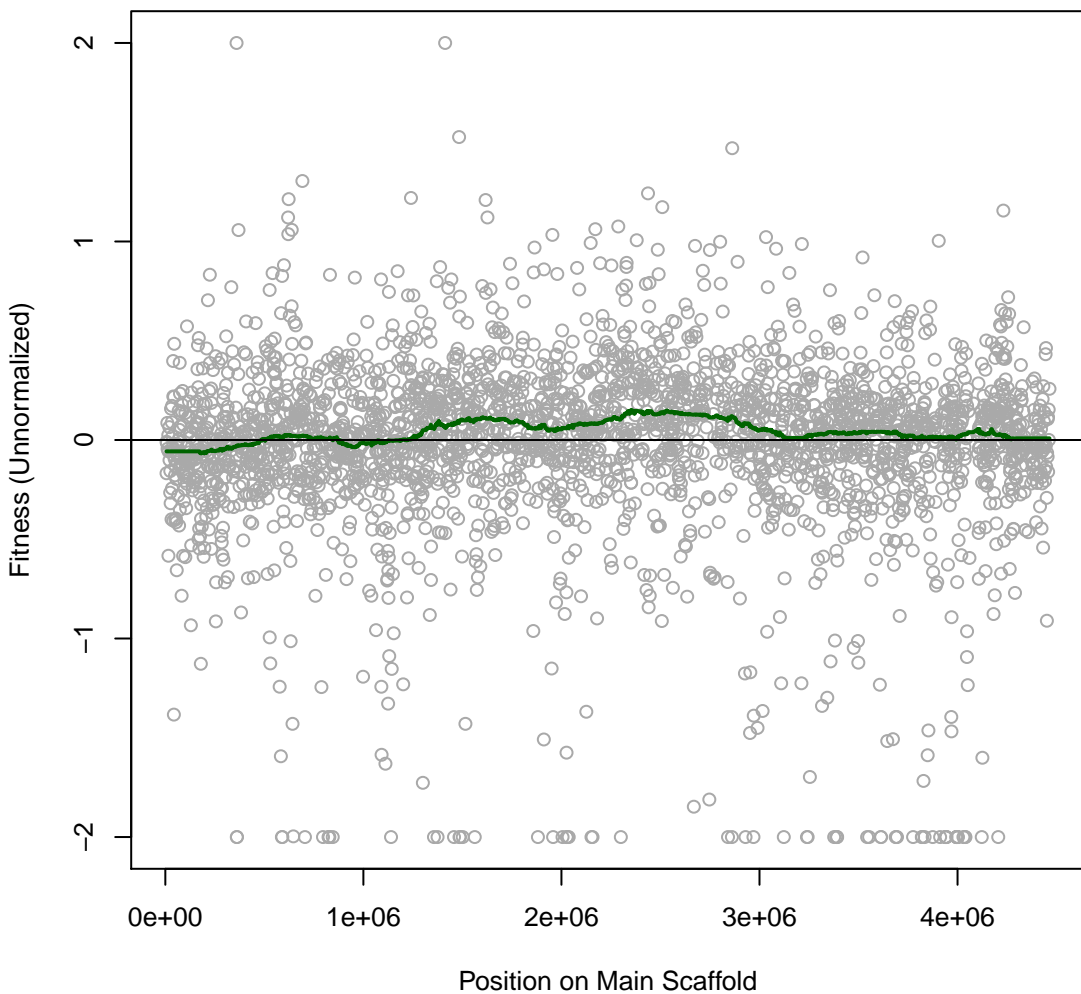
BFirm 1IT013 #13 (gMed=218 rho12=0.141)
succinate (C)



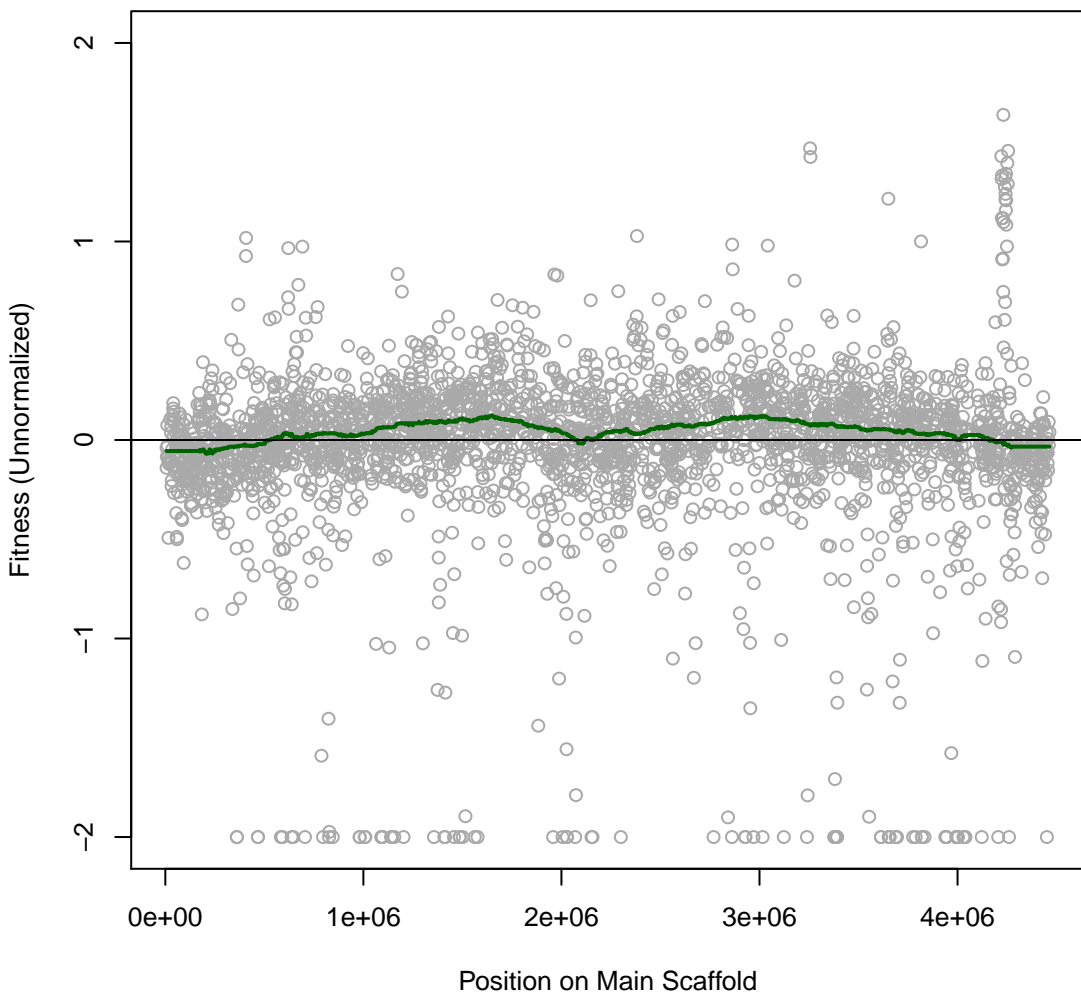
BFirm 1IT014 #14 (gMed=208 rho12=0.164)
D-Mannitol (C)



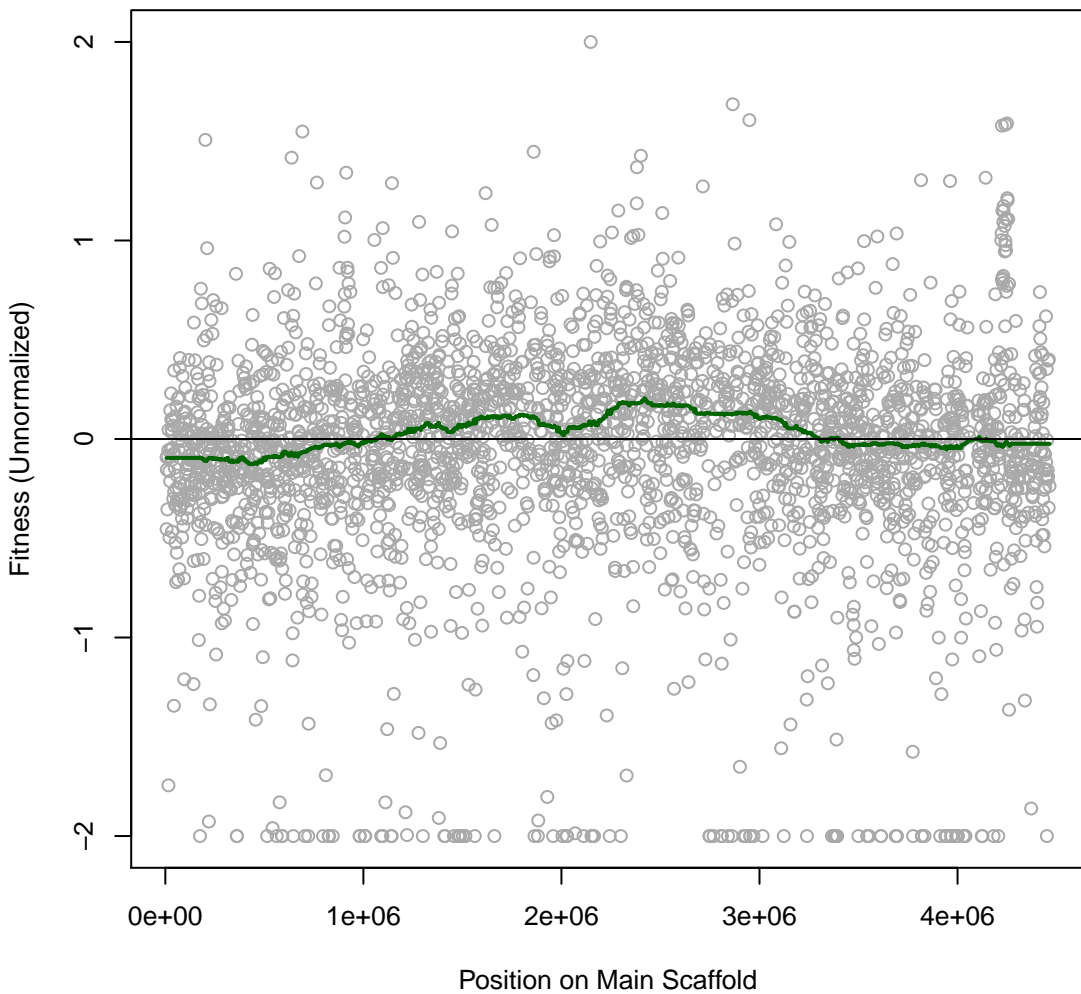
BFirm 1IT015 #15 (gMed=192 rho12=0.118)
D-Galacturonic Acid (C)



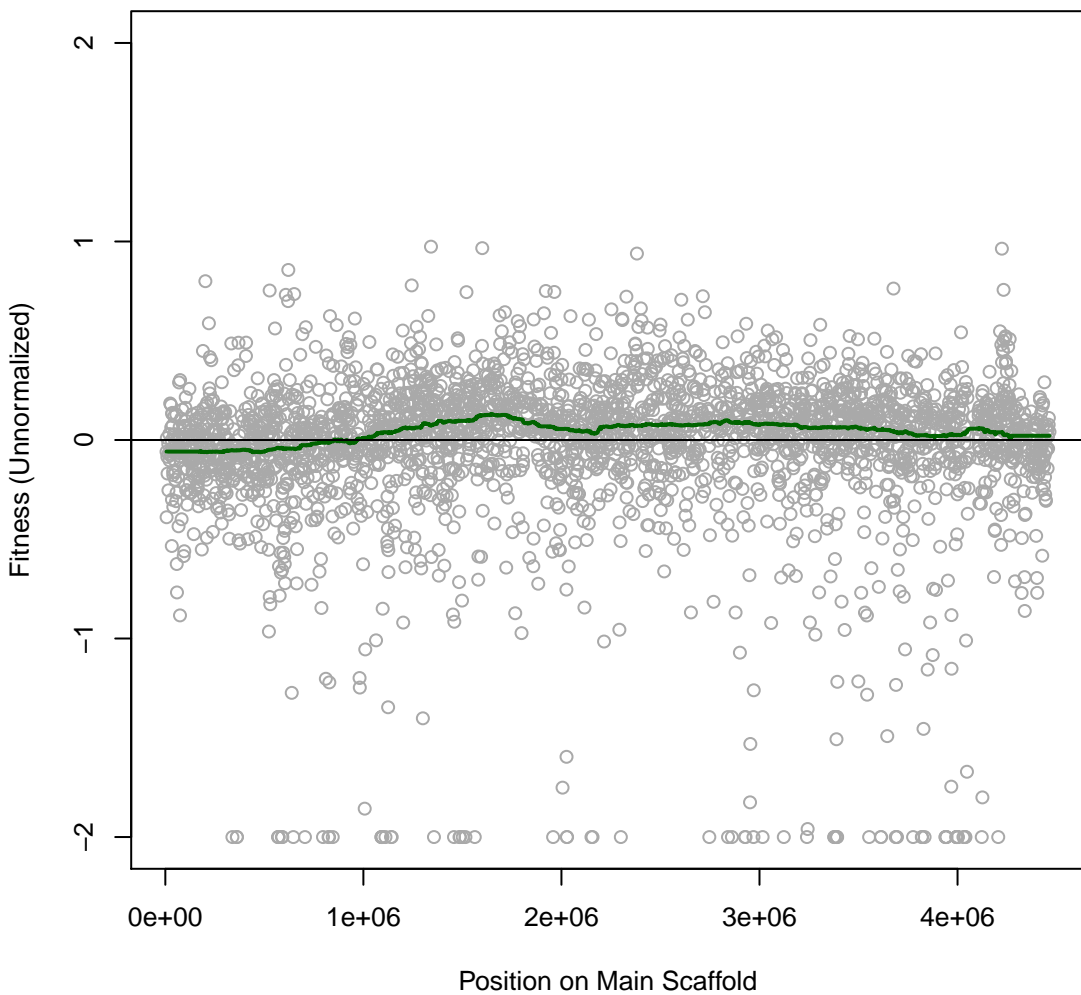
BFirm 1IT016 #16 (gMed=259 rho12=0.182)
D-Sorbitol (C)



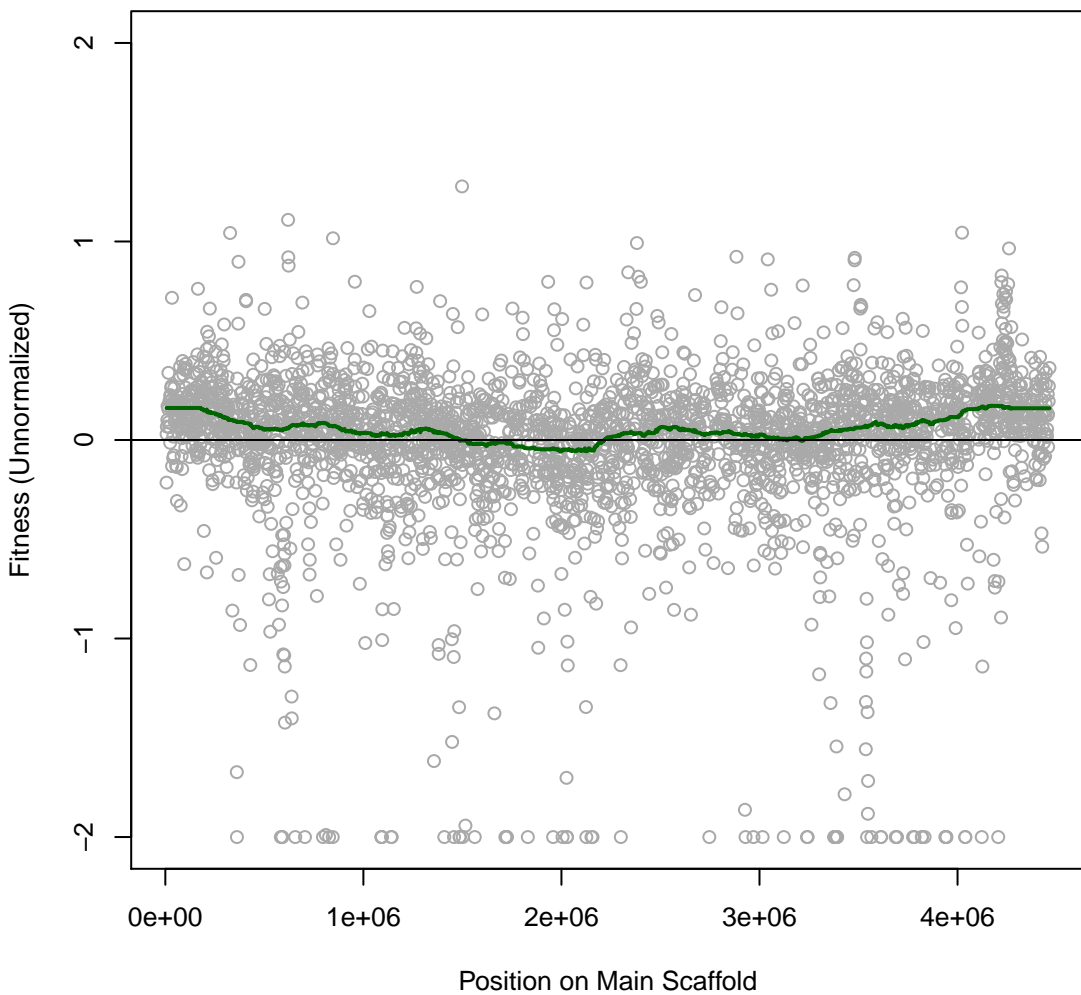
BFirm 1IT017 #17 (gMed=168 rho12=0.163)
Tween 20 (C)



BFirm 1IT018 #18 (gMed=223 rho12=0.181)
L-Malic (C)

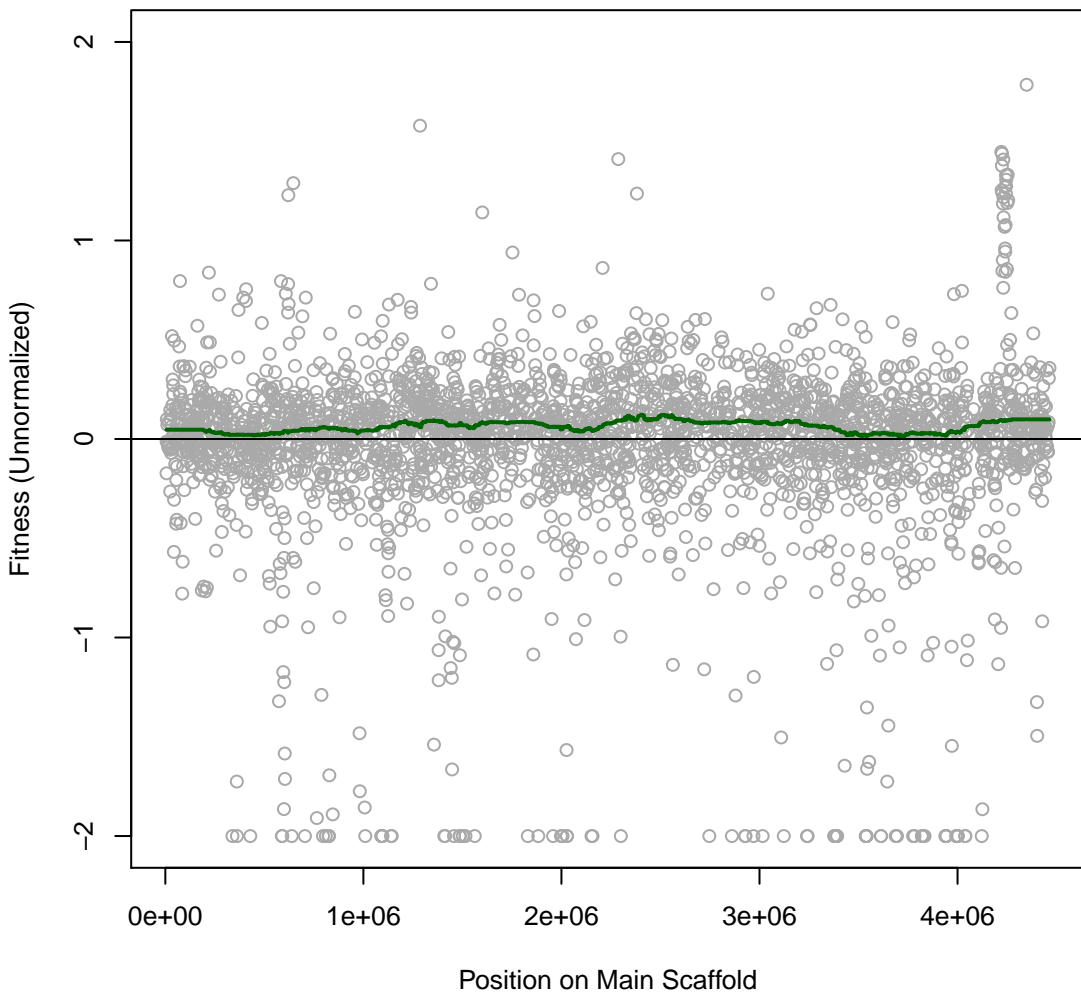


BFirm 1IT019 #19 (gMed=240 rho12=0.194)
L-Histidine (C)

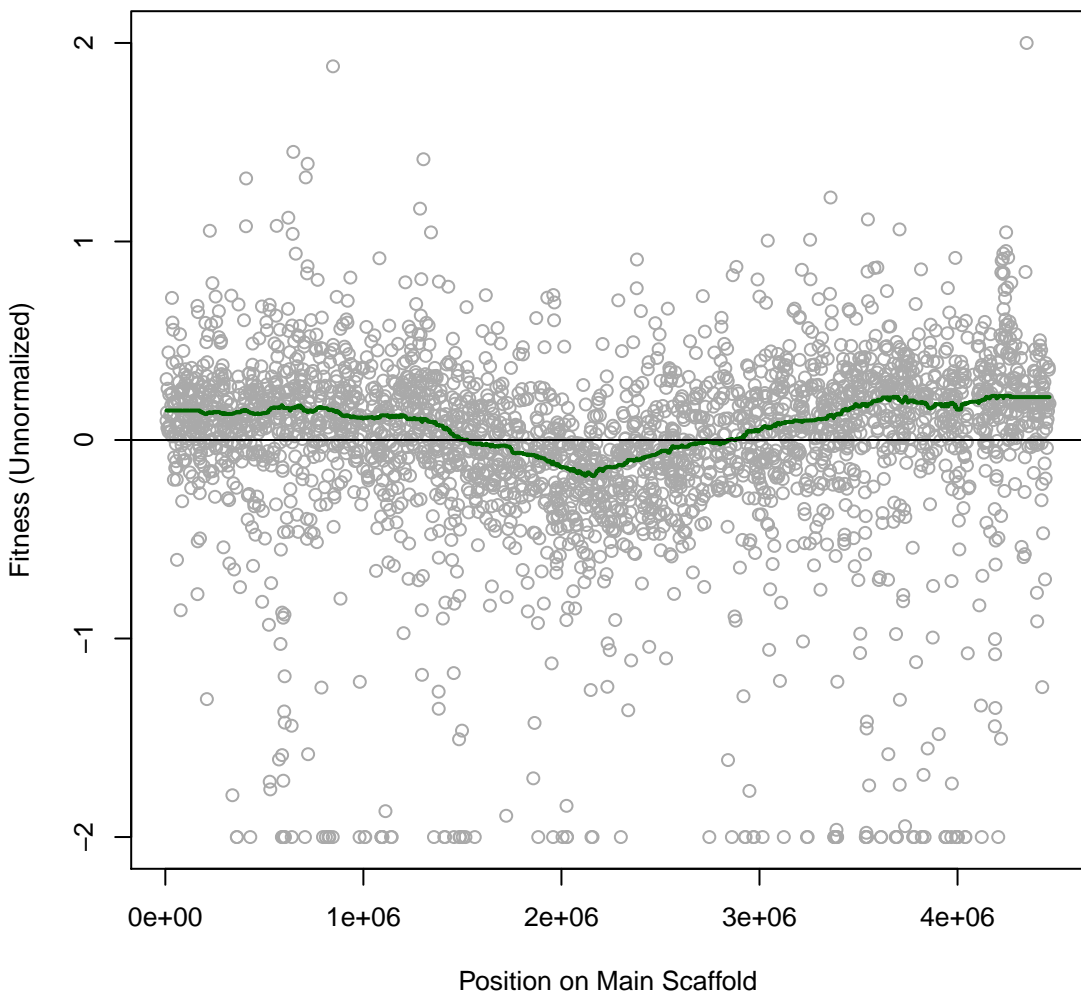


BFirm 1IT020 #20 (gMed=222 rho12=0.217)

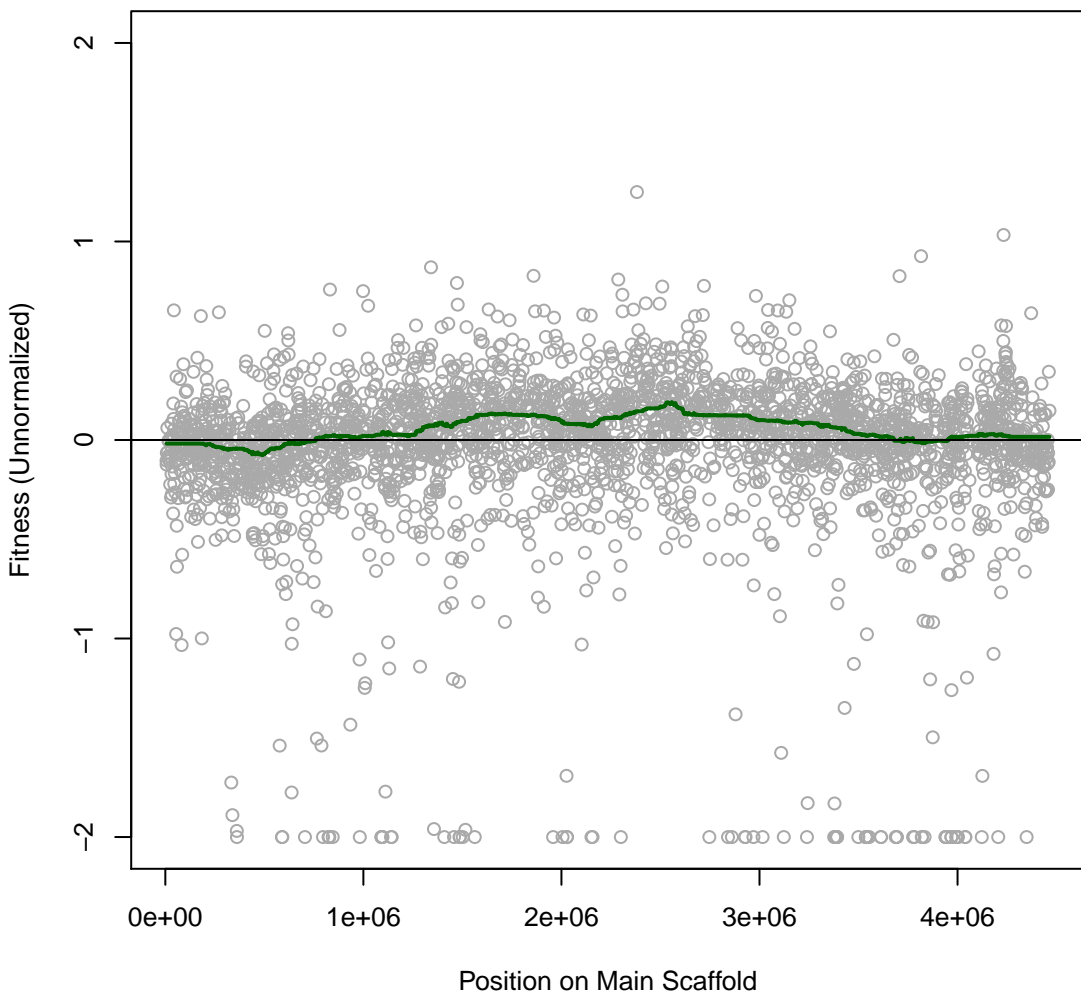
L-Asparagine (C)



BFirm 1IT021 #21 (gMed=201 rho12=0.204)
L-Glutamine (C)

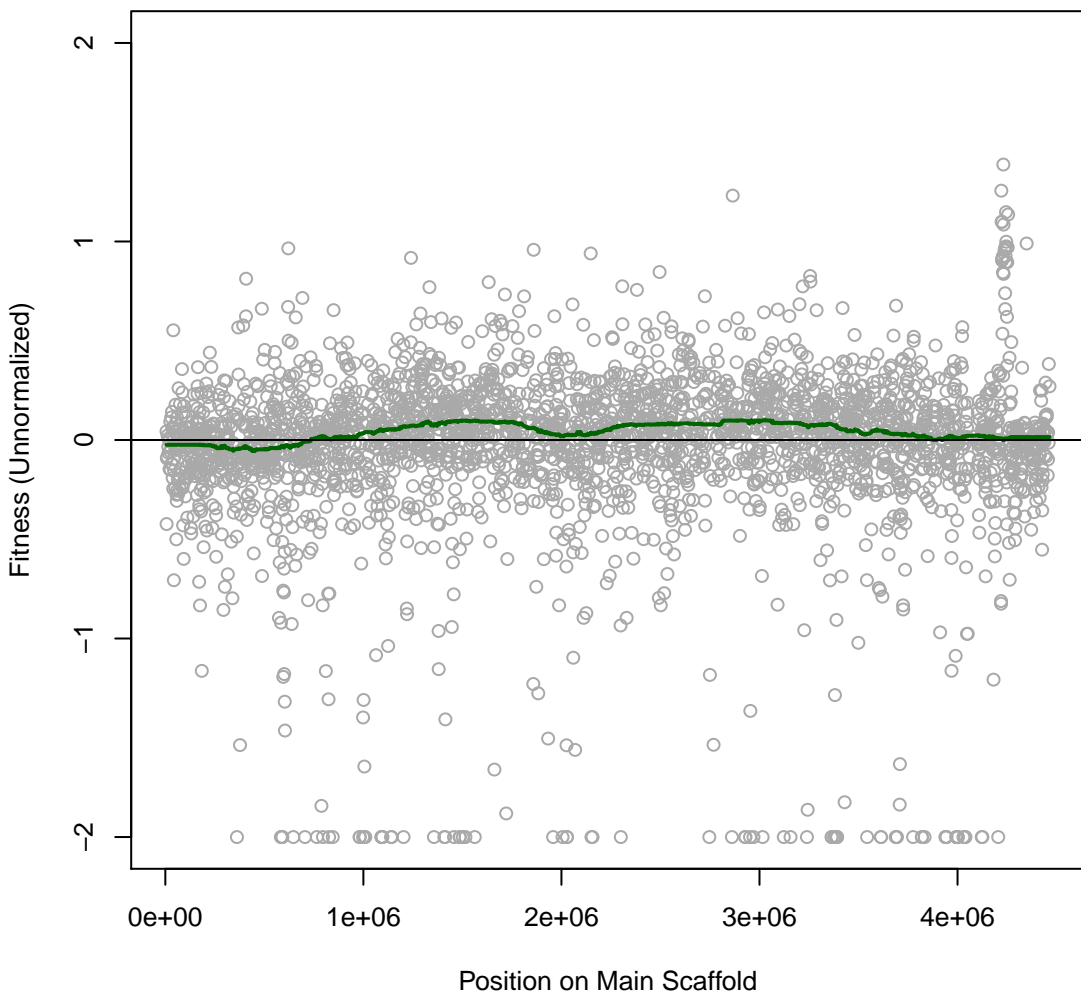


BFirm 1IT022 #22 (gMed=220 rho12=0.163)
L-Proline (C)

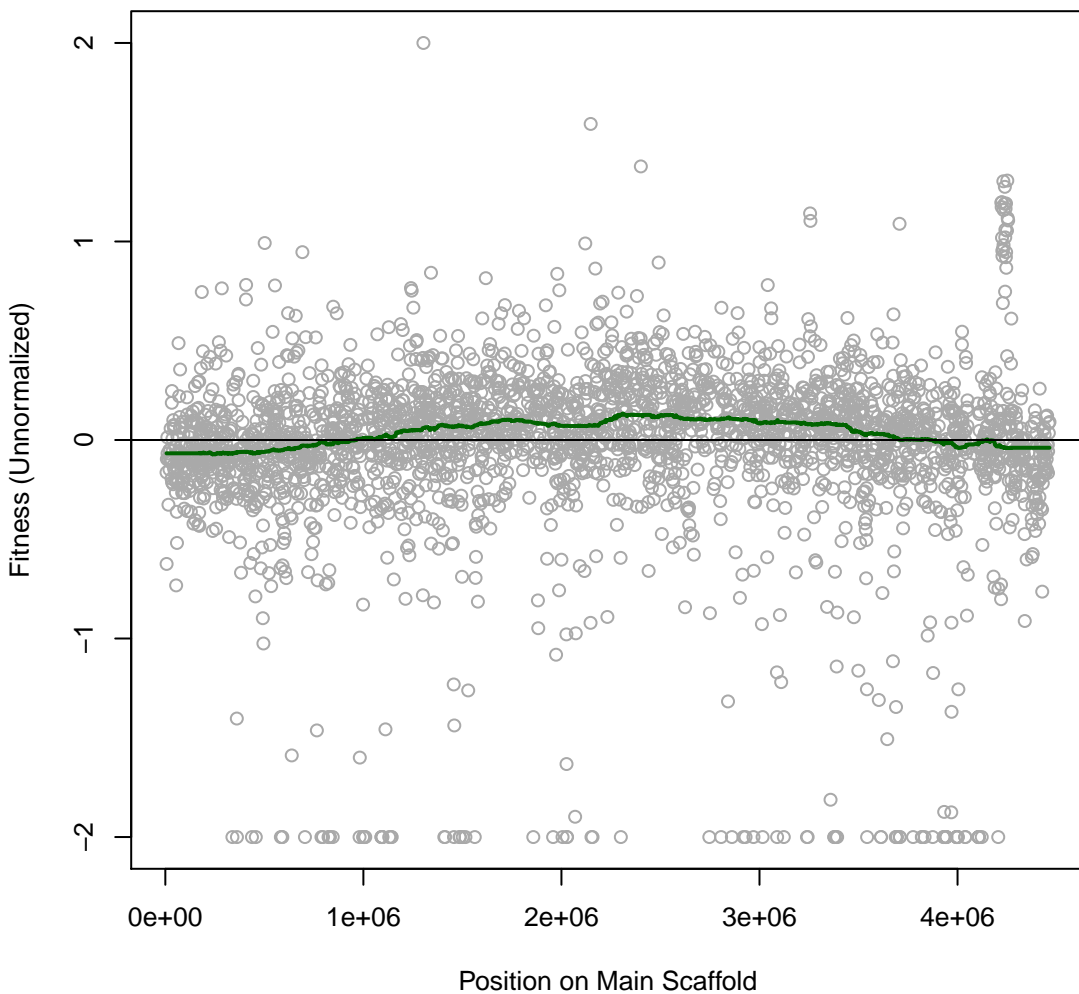


BFirm 1IT023 #23 (gMed=173 rho12=0.161)

L-Alanine (C)

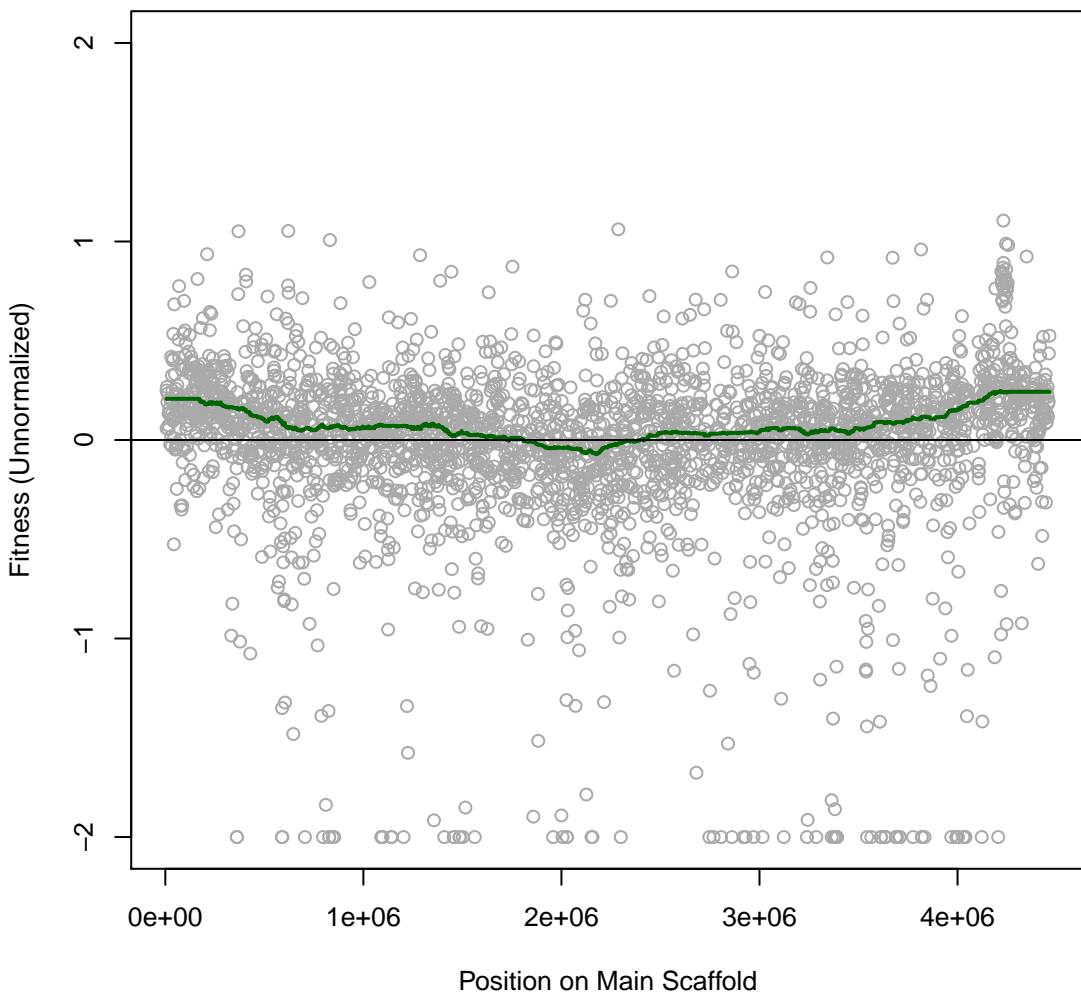


BFirm 1IT024 #24 (gMed=189 rho12=0.187)
L-Phenylalanine (C)

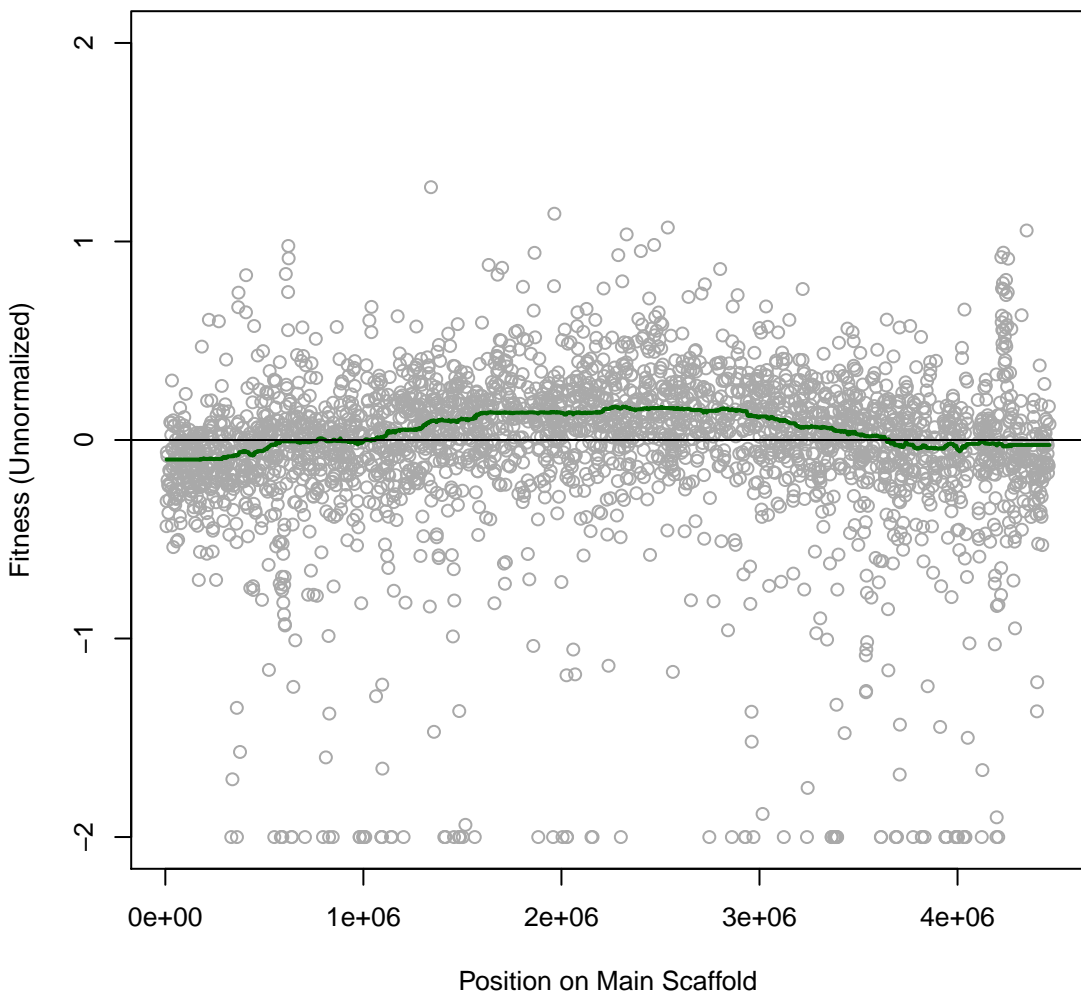


BFirm 1IT025 #25 (gMed=214 rho12=0.210)

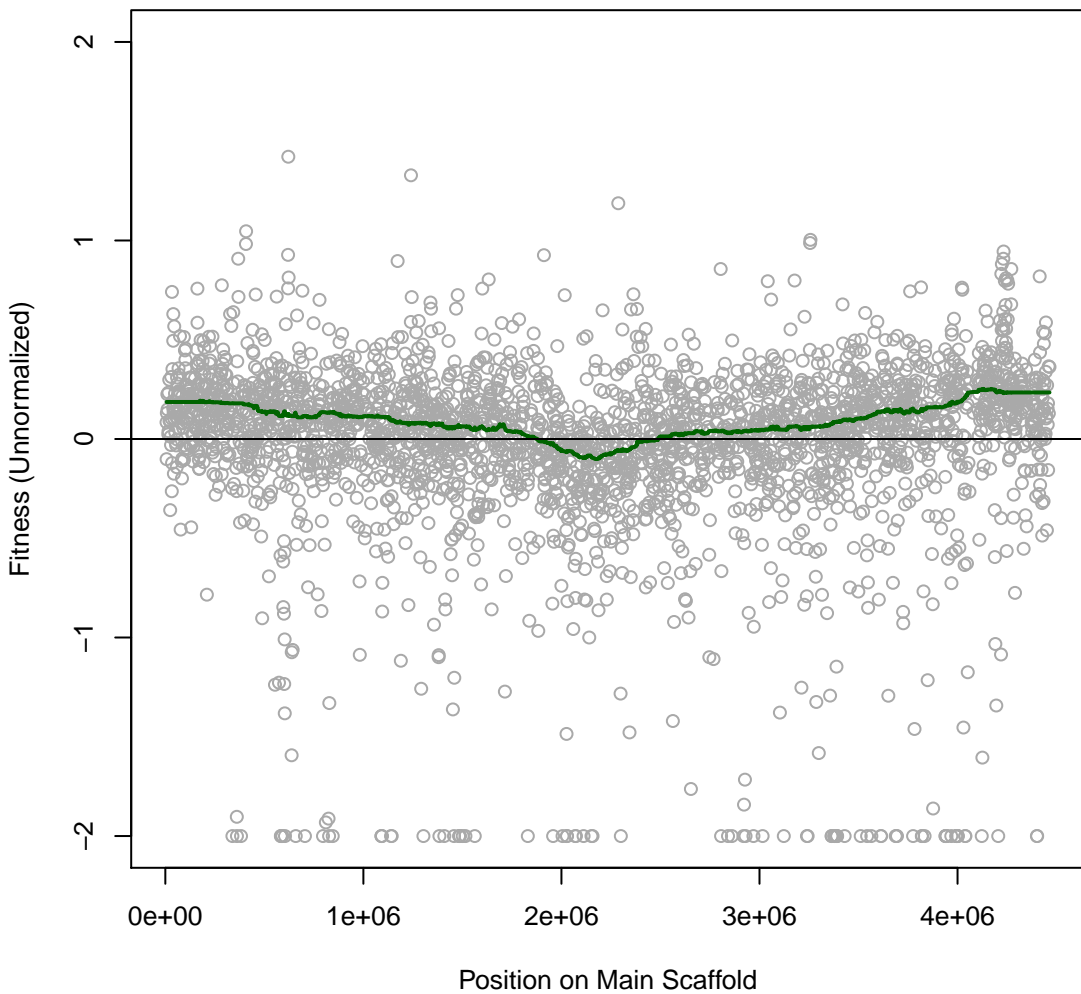
L-Tryptophan (C)



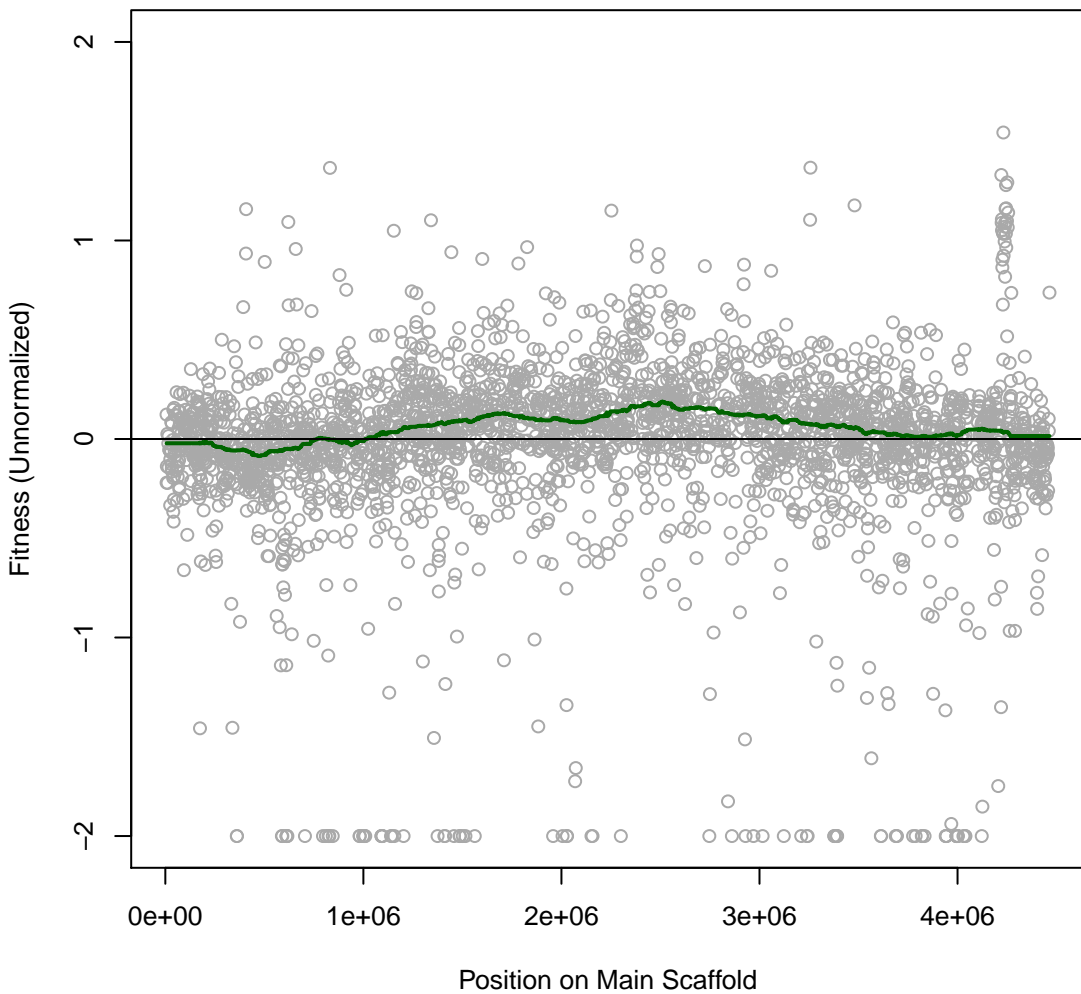
BFirm 1IT026 #26 (gMed=229 rho12=0.194)
D-Alanine (C)



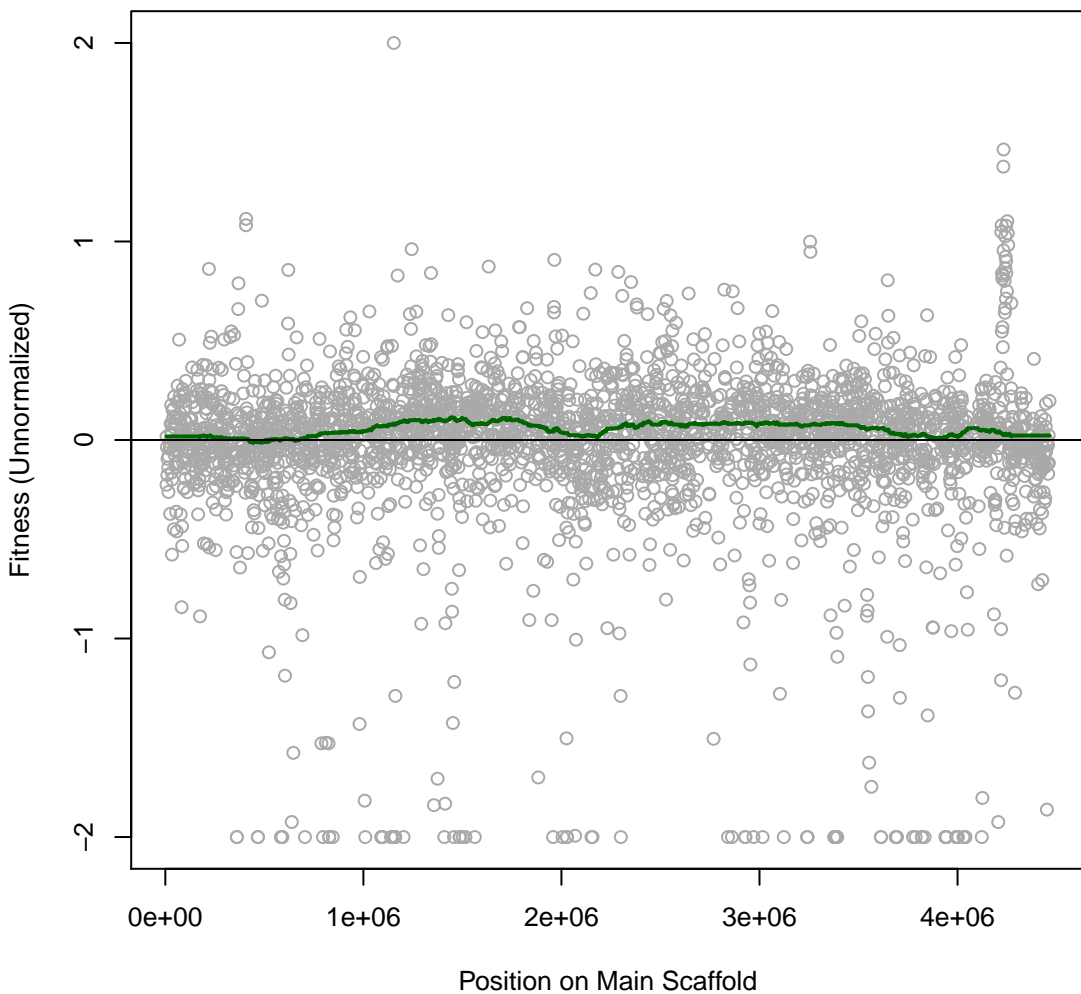
BFirm 1IT027 #27 (gMed=226 rho12=0.218)
Putrescine (C)



BFirm 1IT028 #28 (gMed=222 rho12=0.192)
NAG (C)

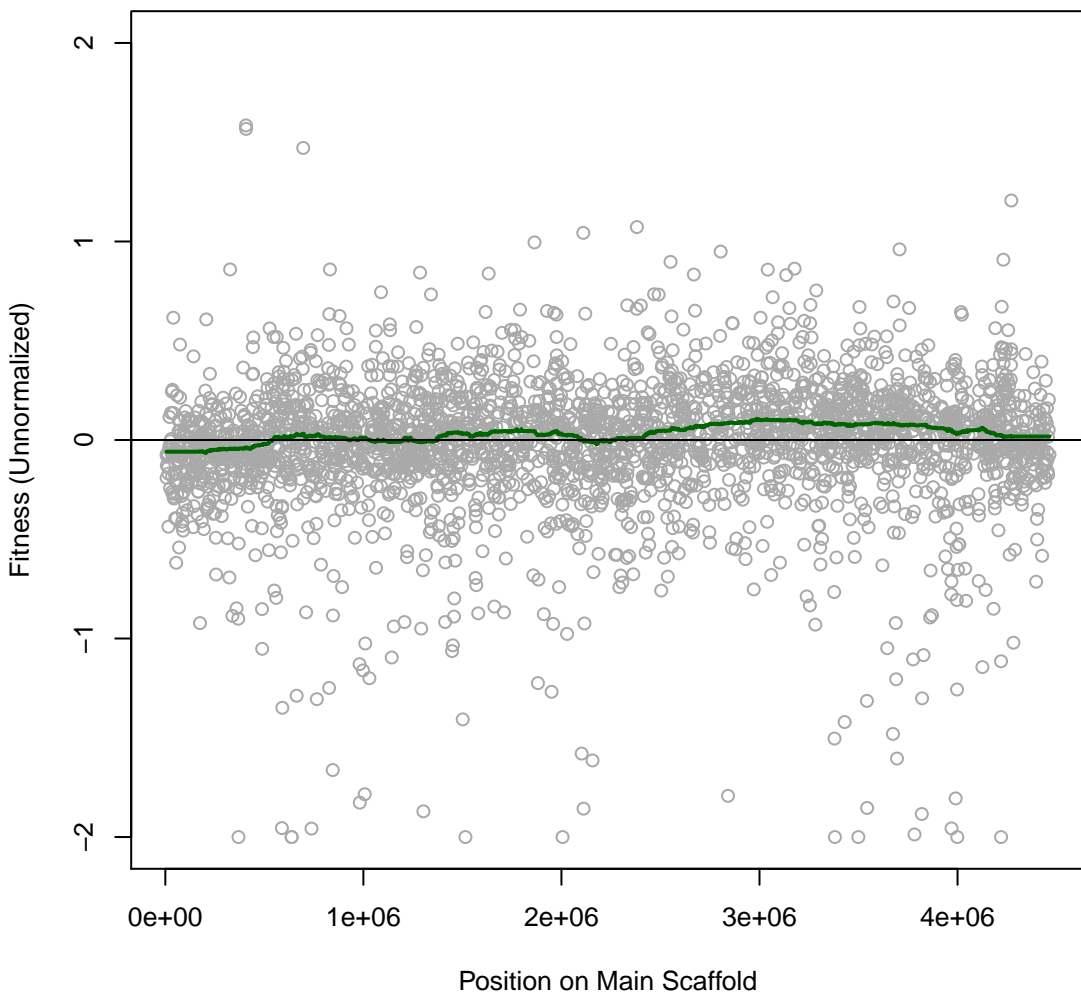


BFirm 1IT029 #29 (gMed=252 rho12=0.189)
D-Mannose (C)



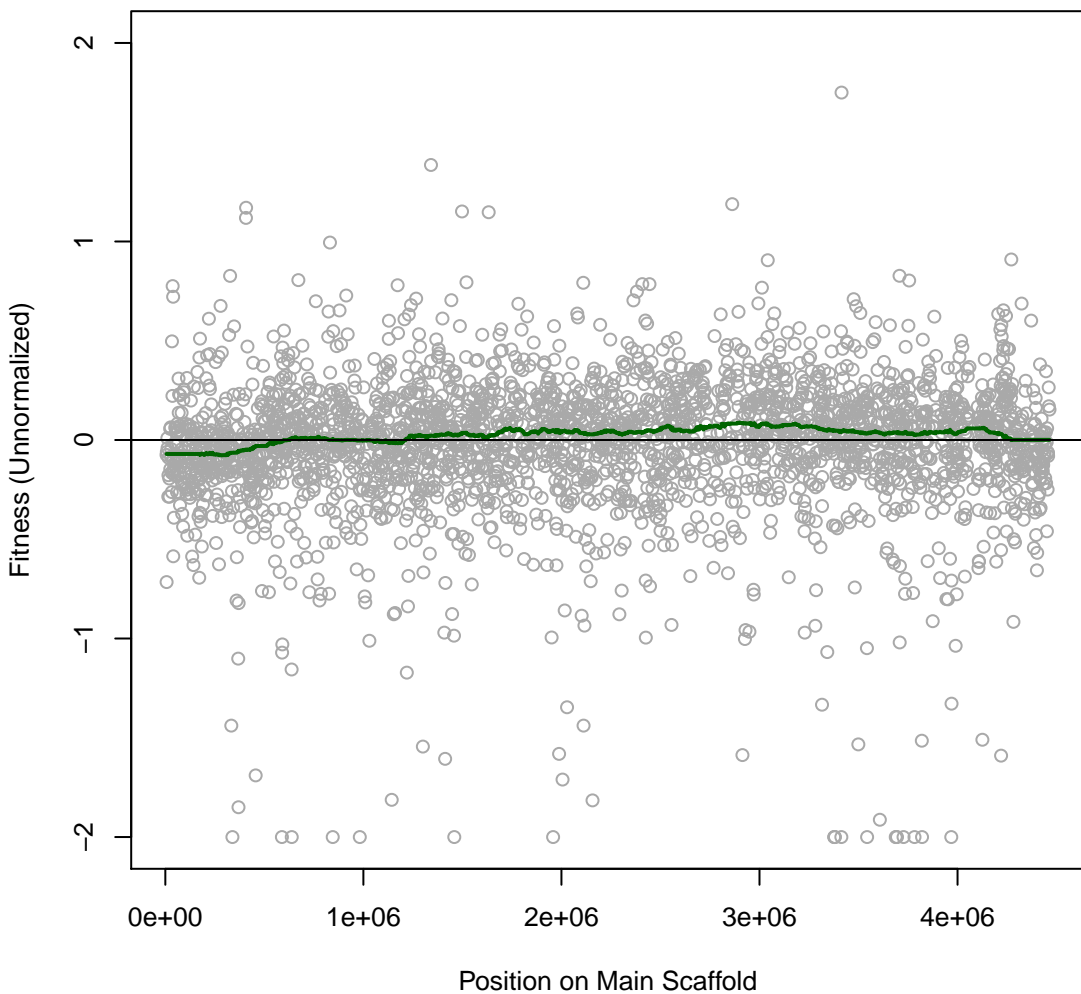
BFirm 1IT030 #30 (gMed=188 rho12=0.124)

Nickel (II) chloride 0.5 mM



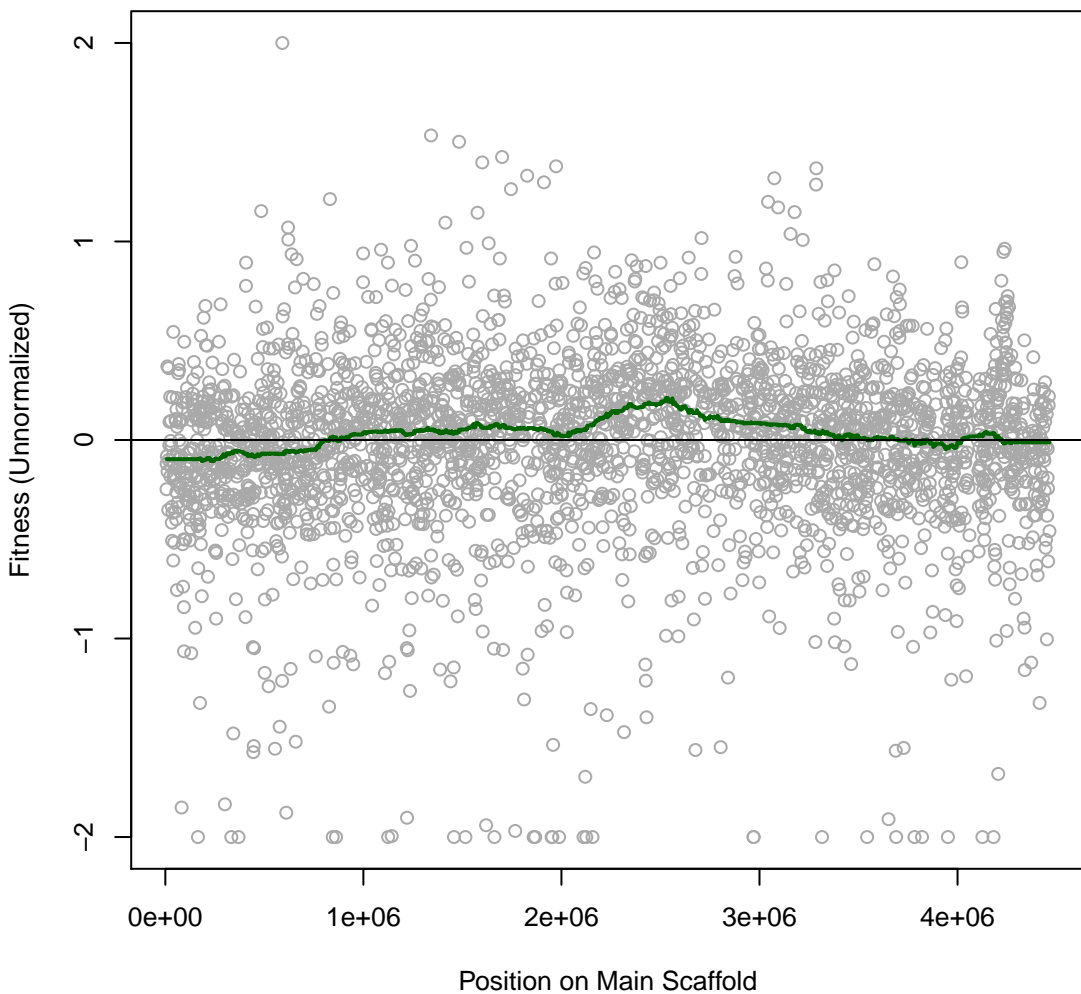
BFirm 1IT031 #31 (gMed=223 rho12=0.105)

Cobalt chloride 0.25 mM



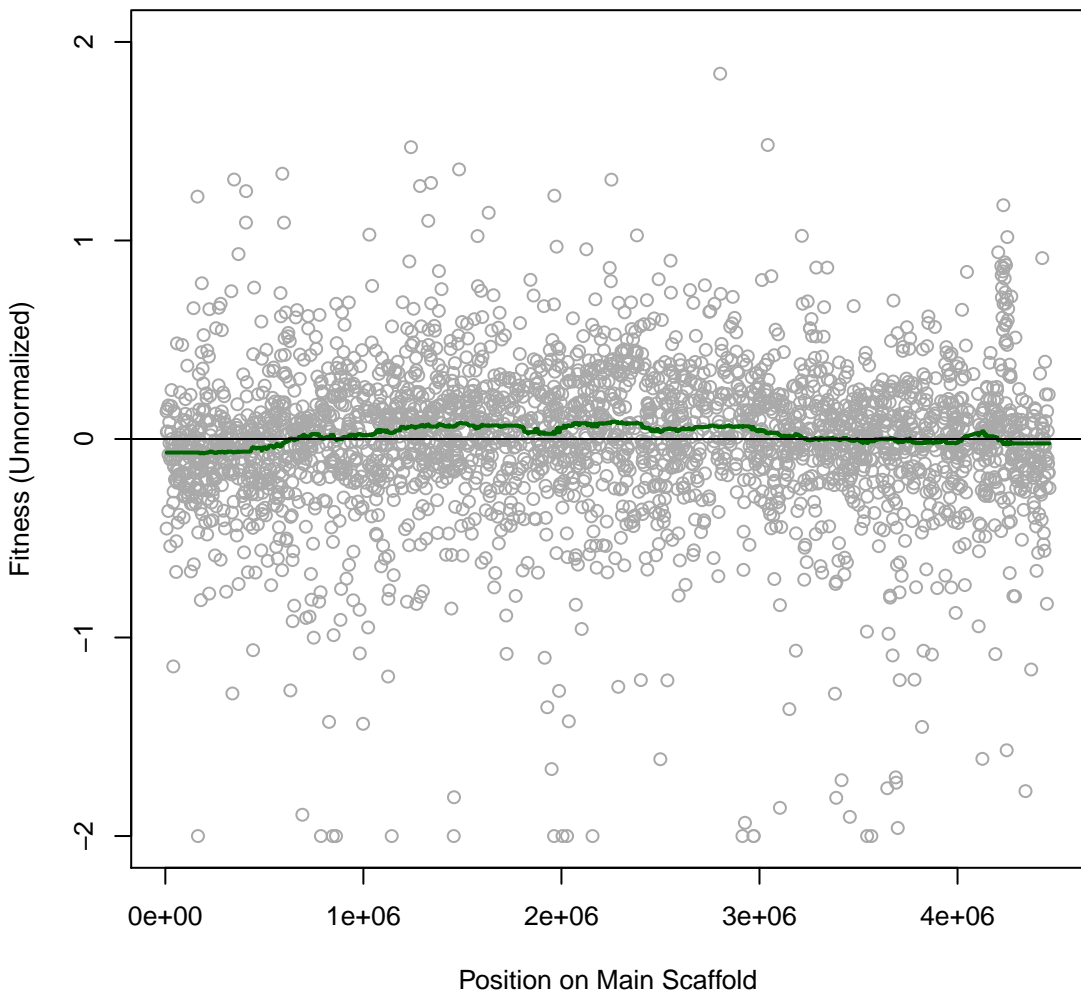
BFarm 1IT032 #32 (gMed=157 rho12=0.071)

Paraquat dichloride 0.016 mg/ml



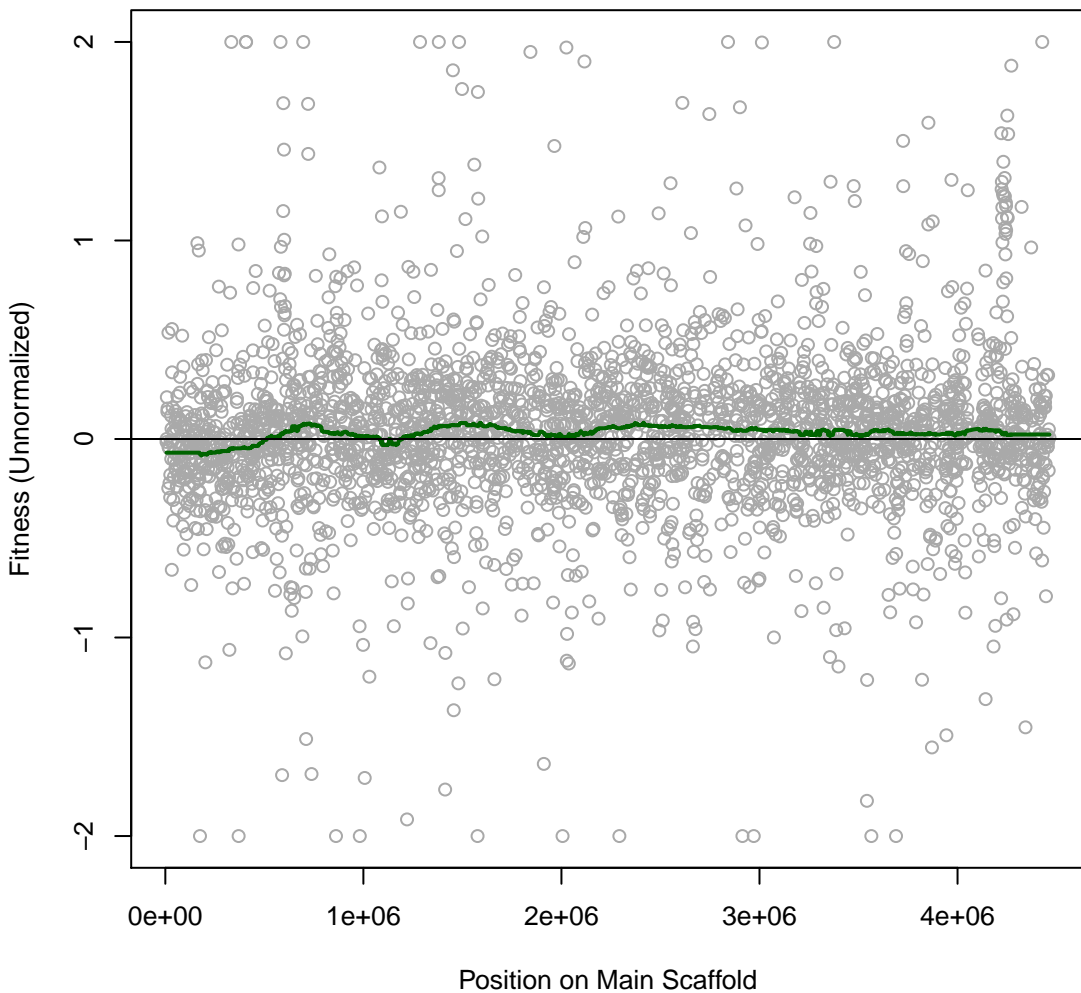
BFirm 1IT033 #33 (gMed=146 rho12=0.114)

Paraquat dichloride 0.032 mg/ml



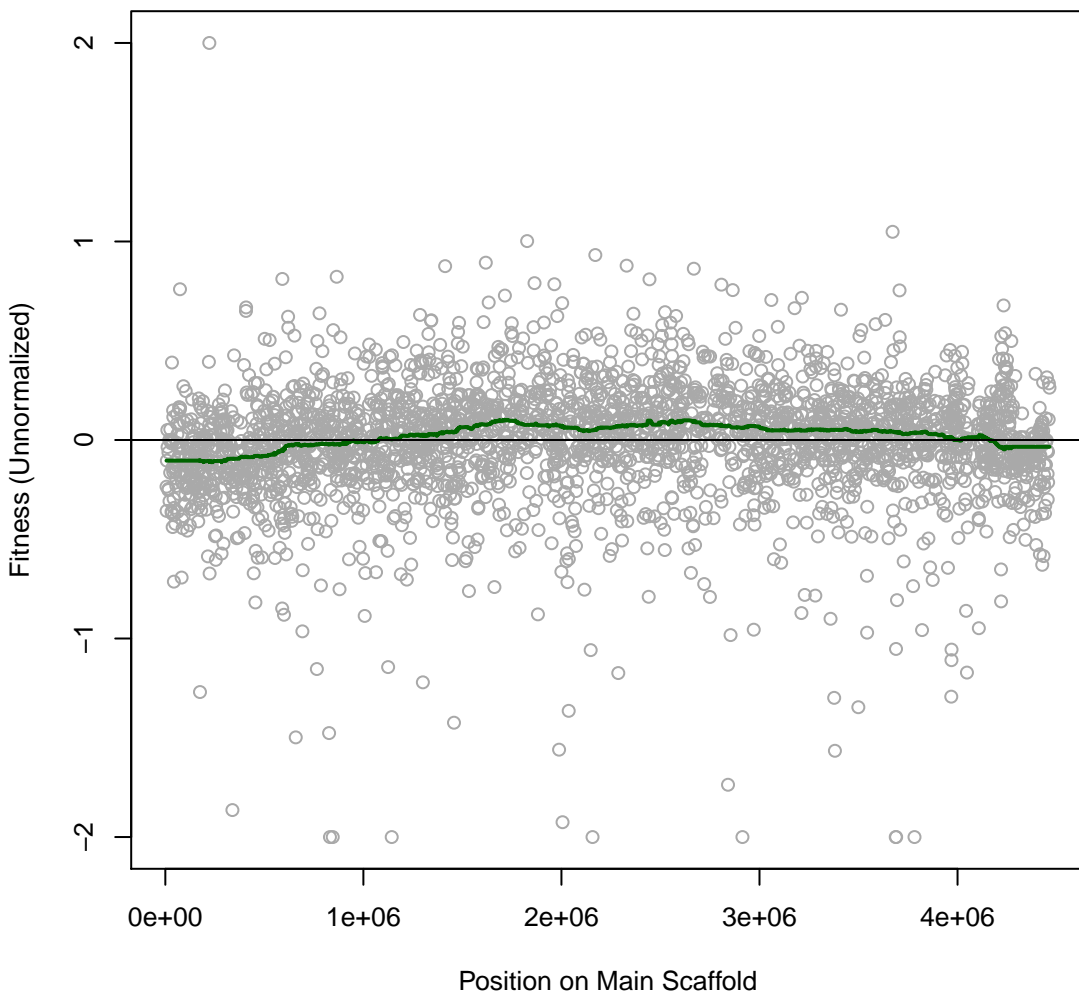
BFirm 1IT034 #34 (gMed=98 rho12=0.185)

Paraquat dichloride 0.064 mg/ml



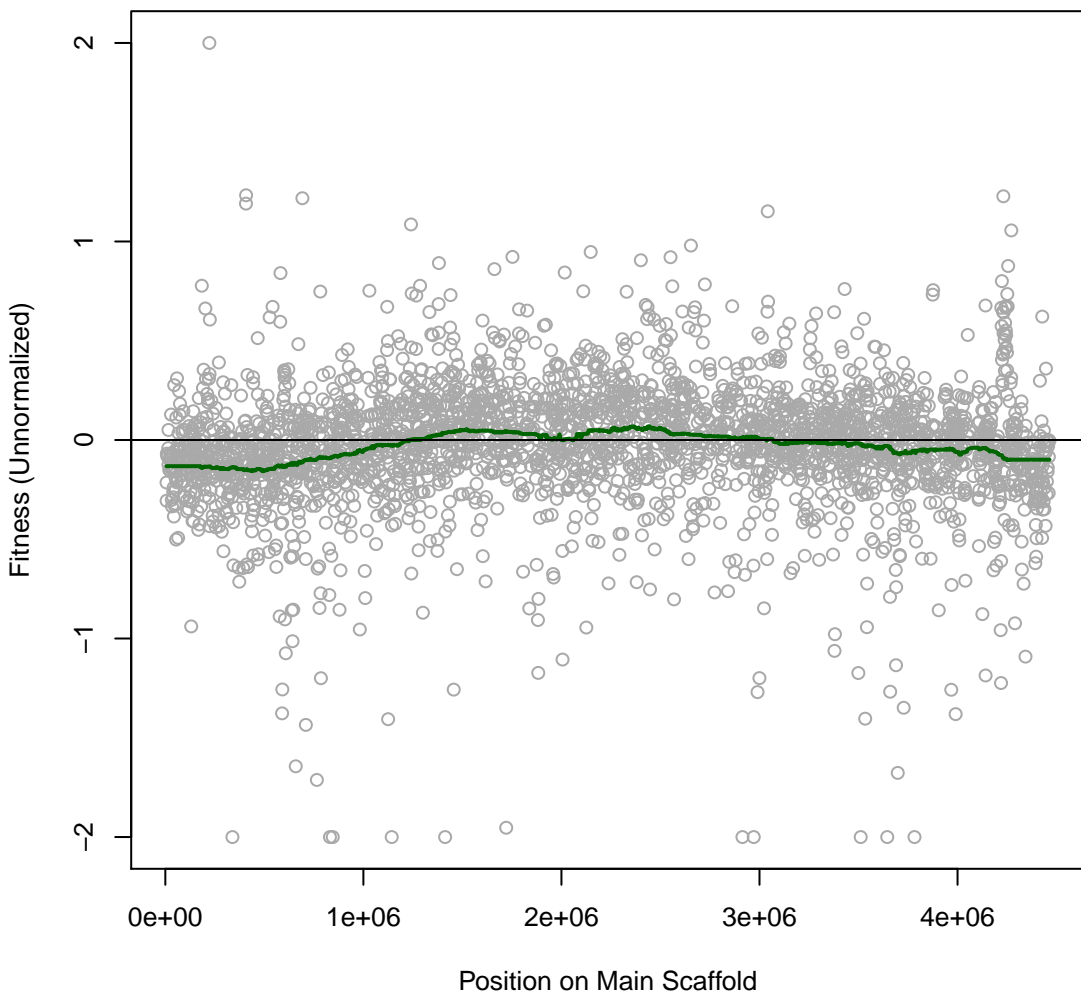
BFirm 1IT035 #35 (gMed=220 rho12=0.062)

Thallium(I) acetate 0.002 mg/ml

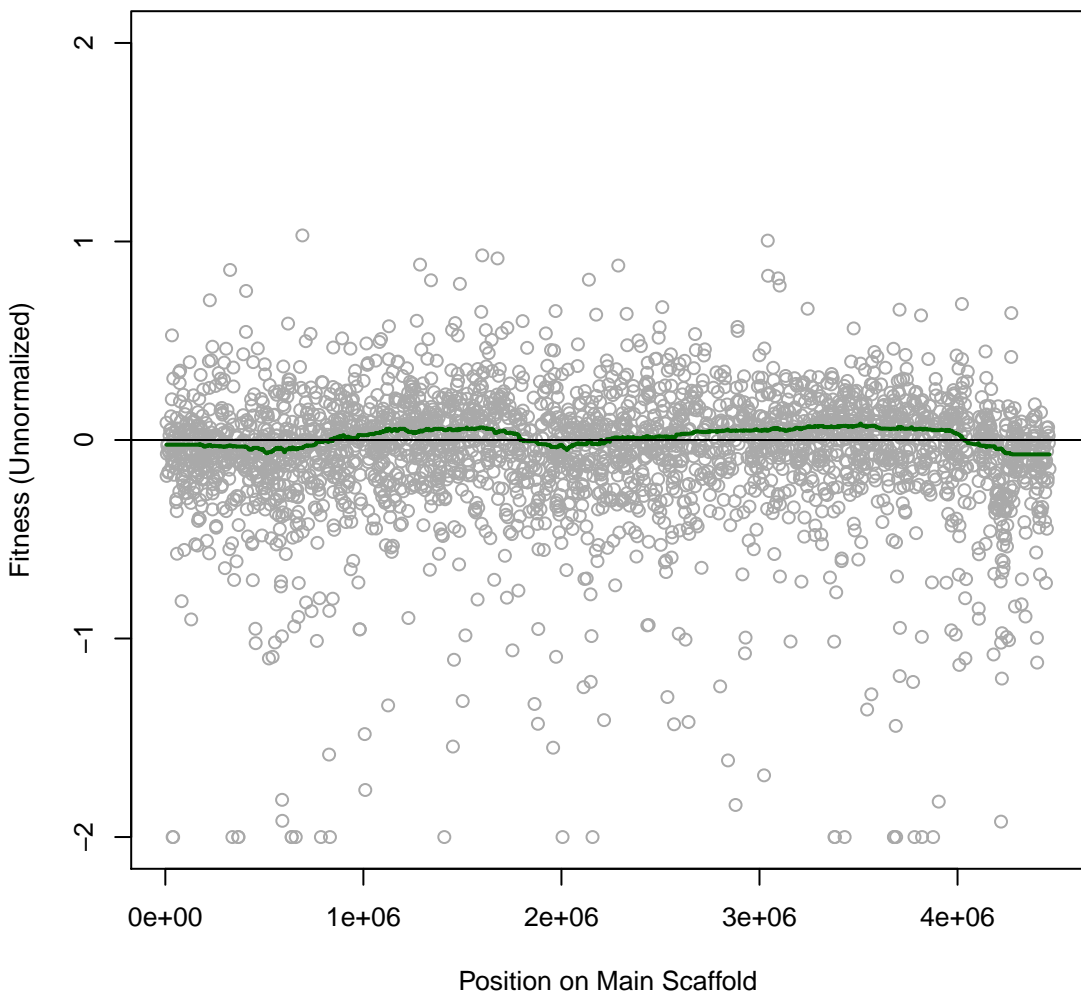


BFirm 1IT036 #36 (gMed=191 rho12=0.136)

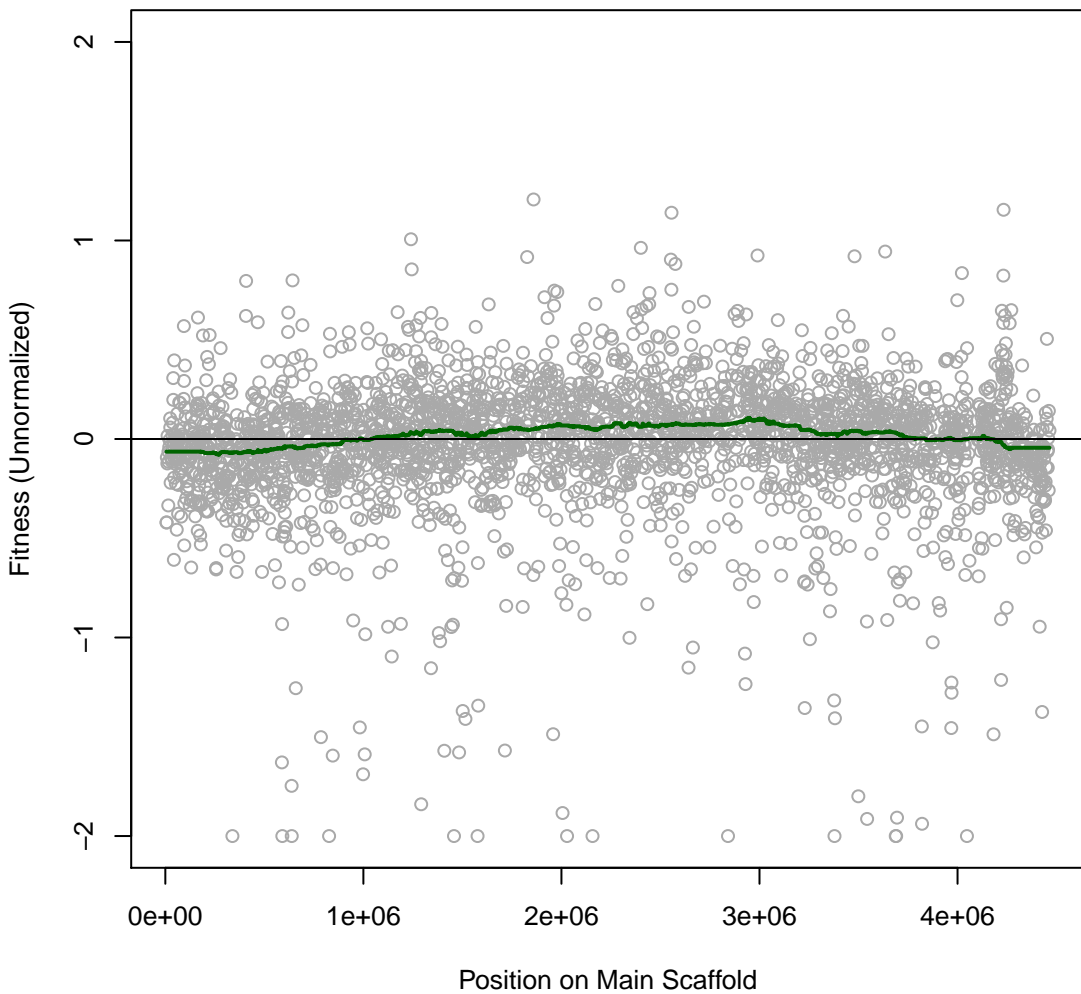
Thallium(I) acetate 0.01 mg/ml



BFirm 1IT037 #37 (gMed=194 rho12=0.101)
Zinc 0.5 mM

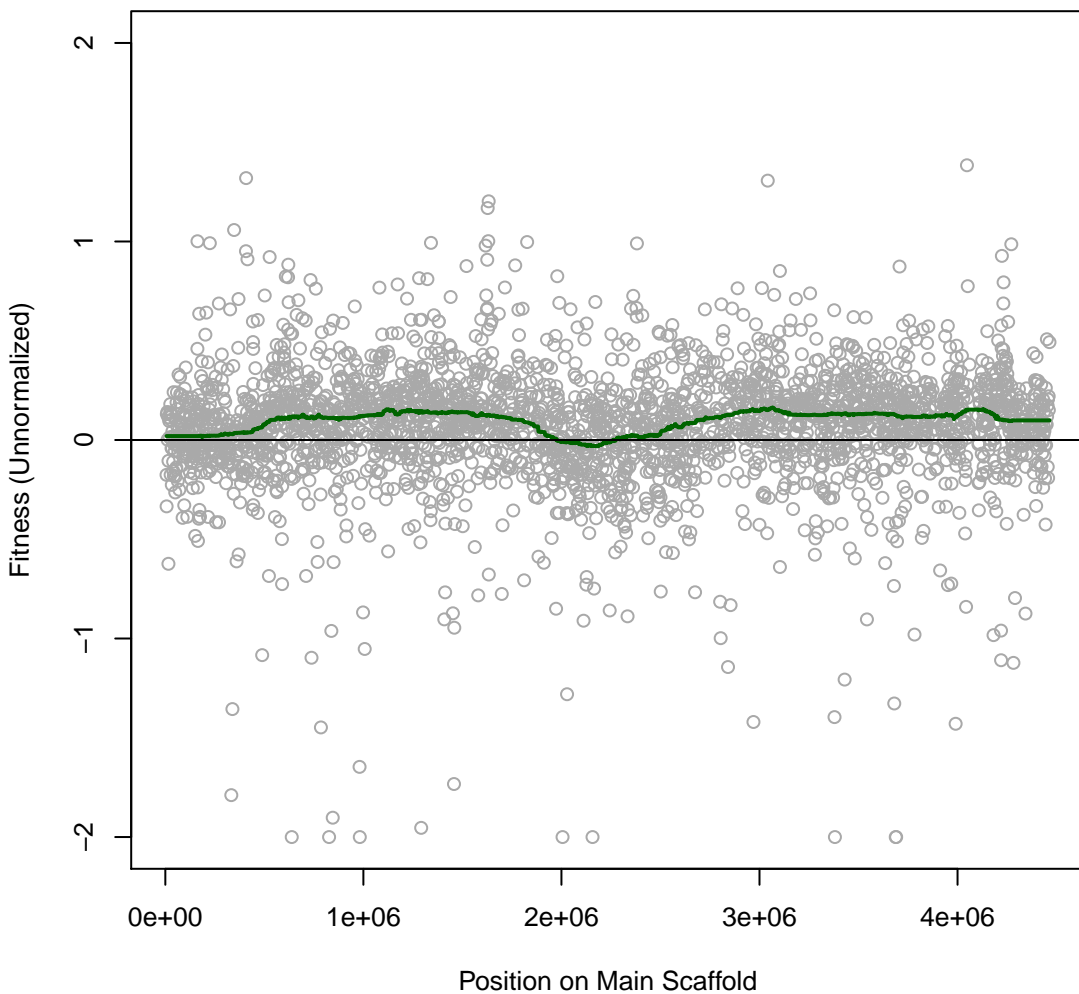


BFirm 1IT038 #38 (gMed=223 rho12=0.120)
LB



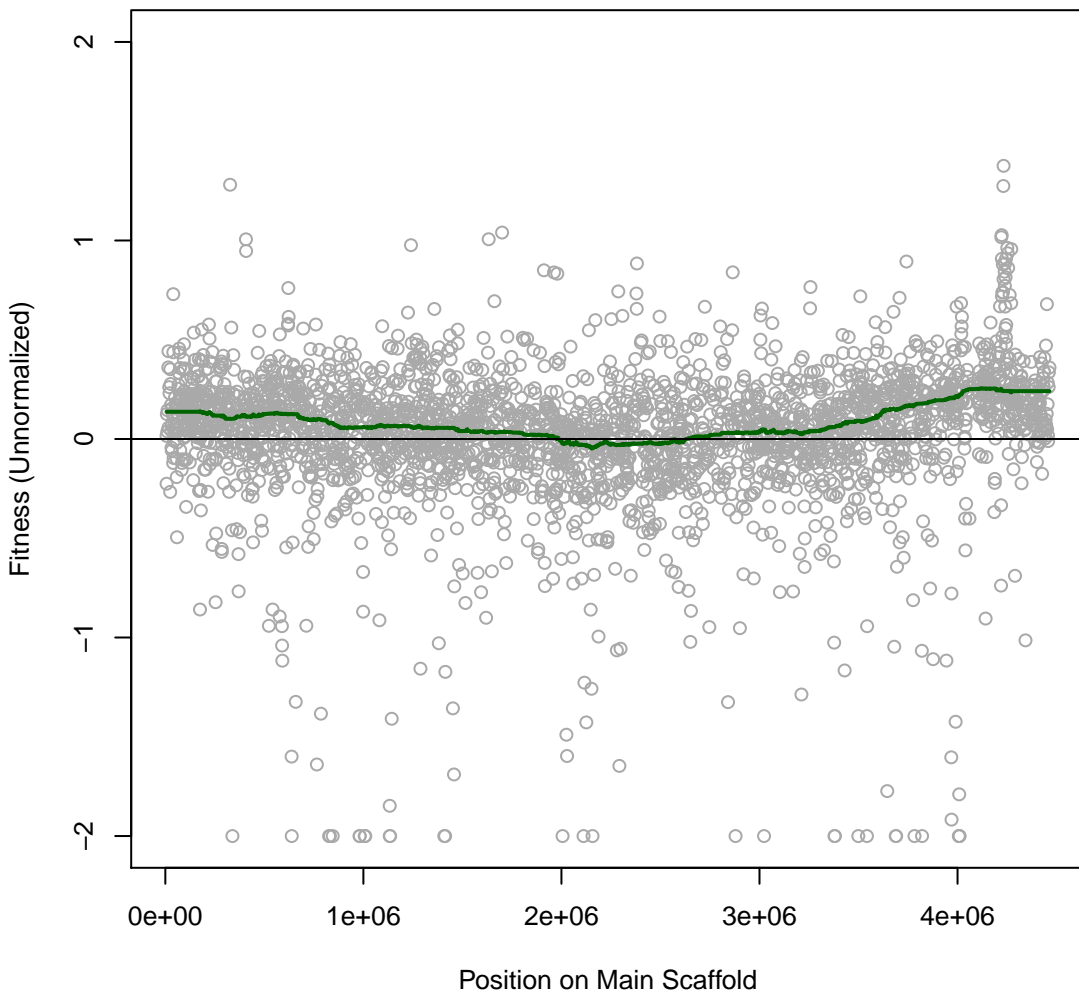
BFirm 1IT039 #39 (gMed=178 rho12=0.086)

Sisomicin 0.004 mg/ml



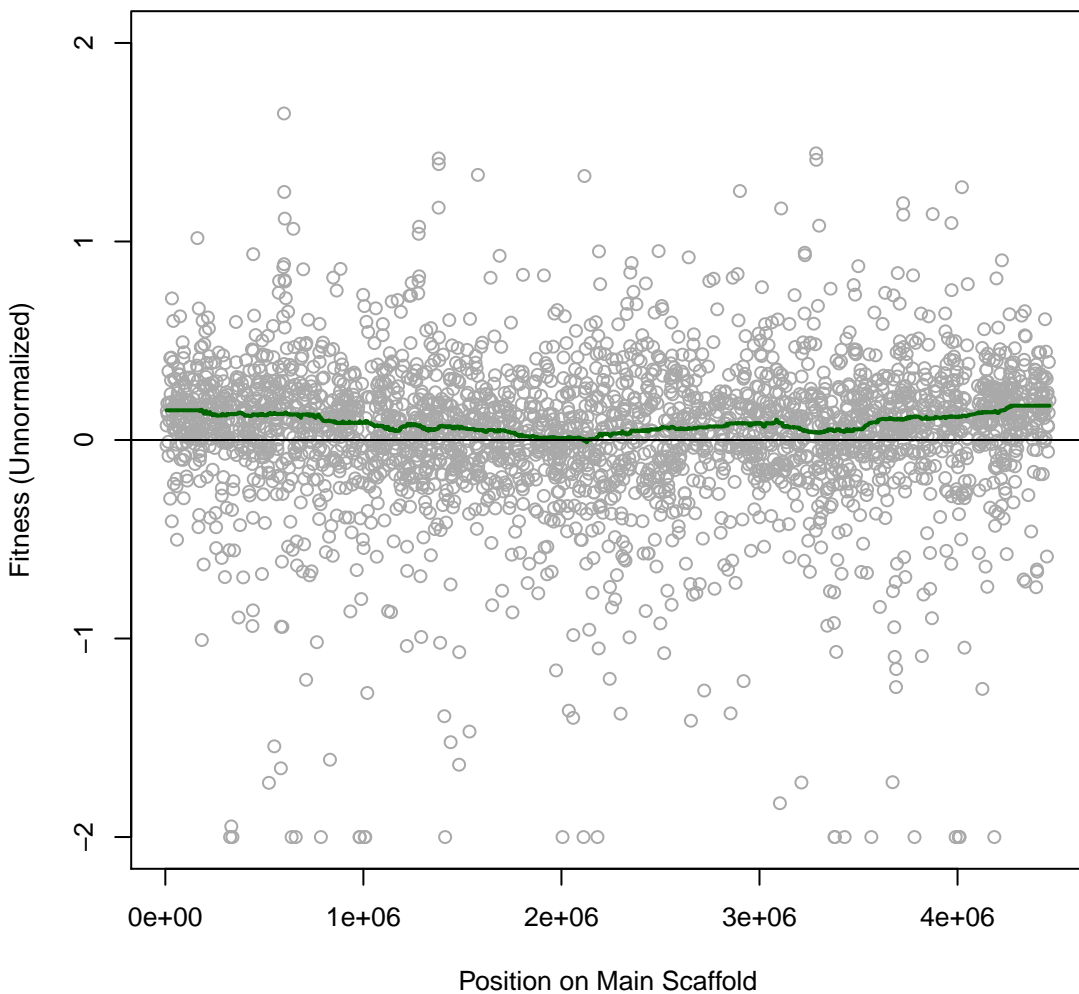
BFirm 1IT040 #40 (gMed=229 rho12=0.110)

Polymyxin B sulfate 0.0625 mg/ml

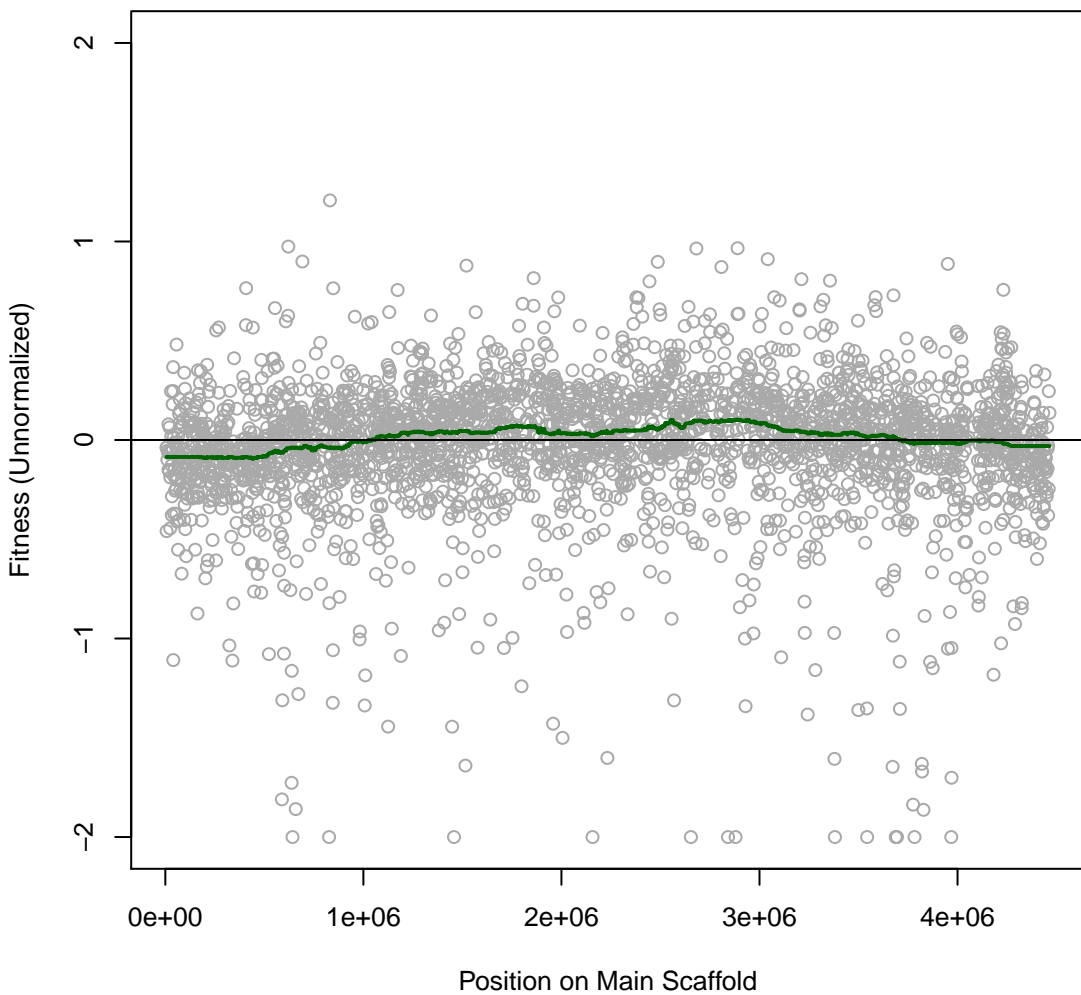


BFirm 1IT041 #41 (gMed=202 rho12=0.169)

Chloride 200 mM

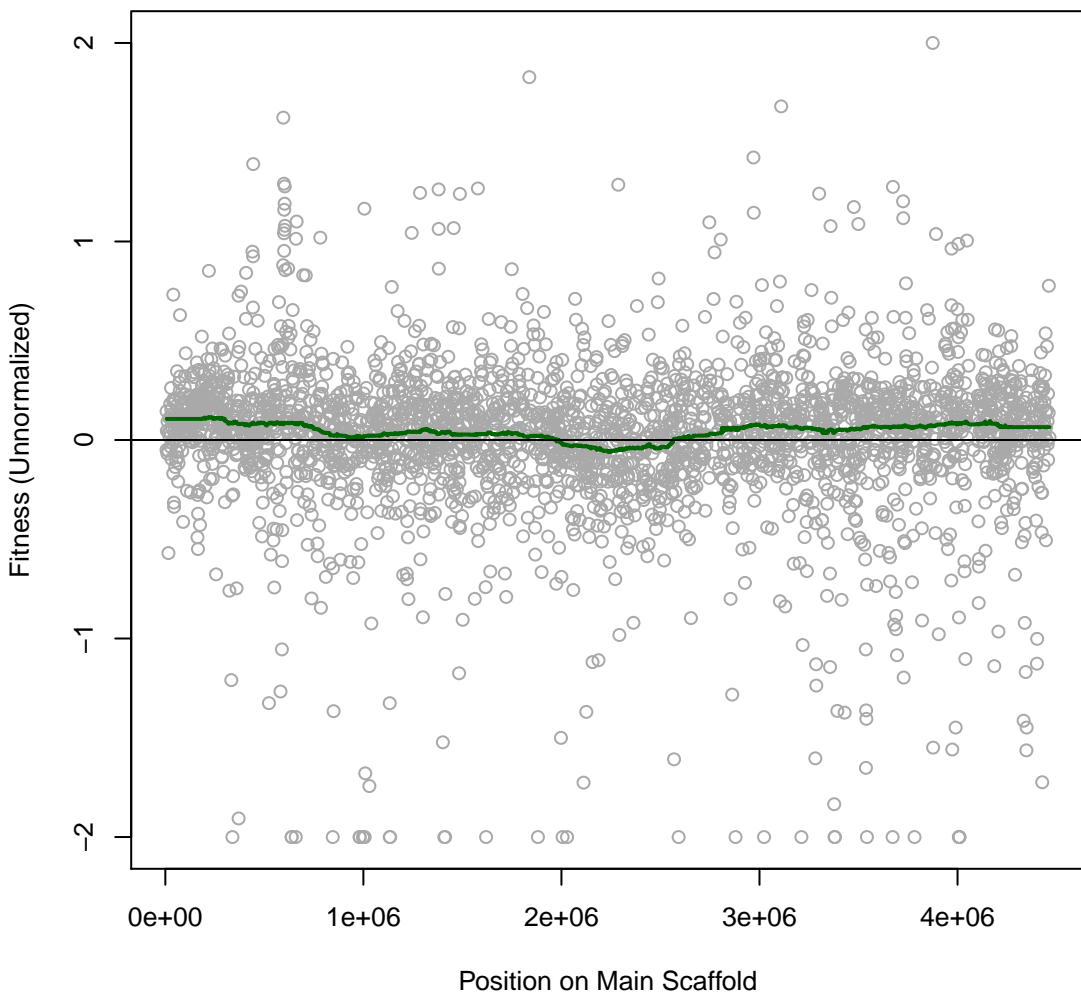


BFirm 1IT042 #42 (gMed=175 rho12=0.093)
LB



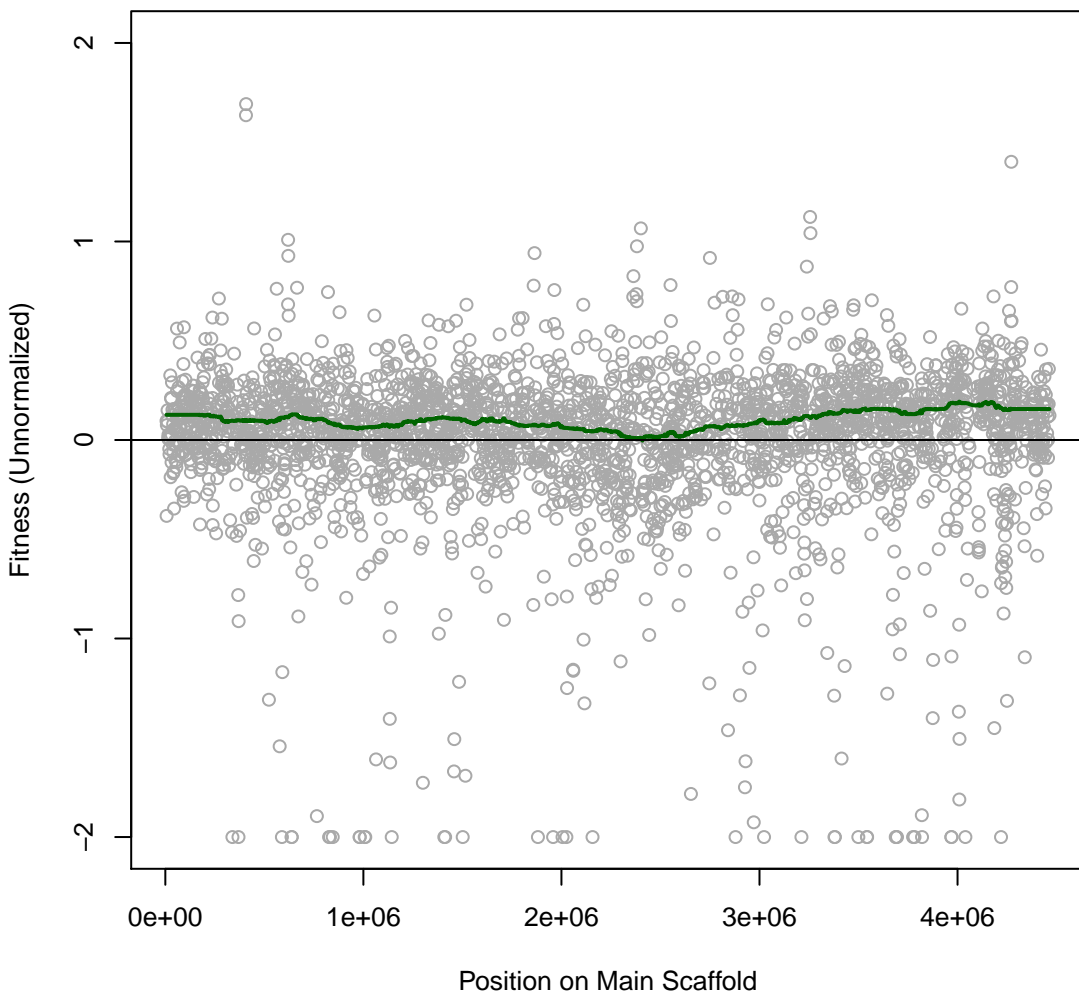
BFirm 1IT043 #43 (gMed=223 rho12=0.169)

Benzethonium chloride 0.0016 mM



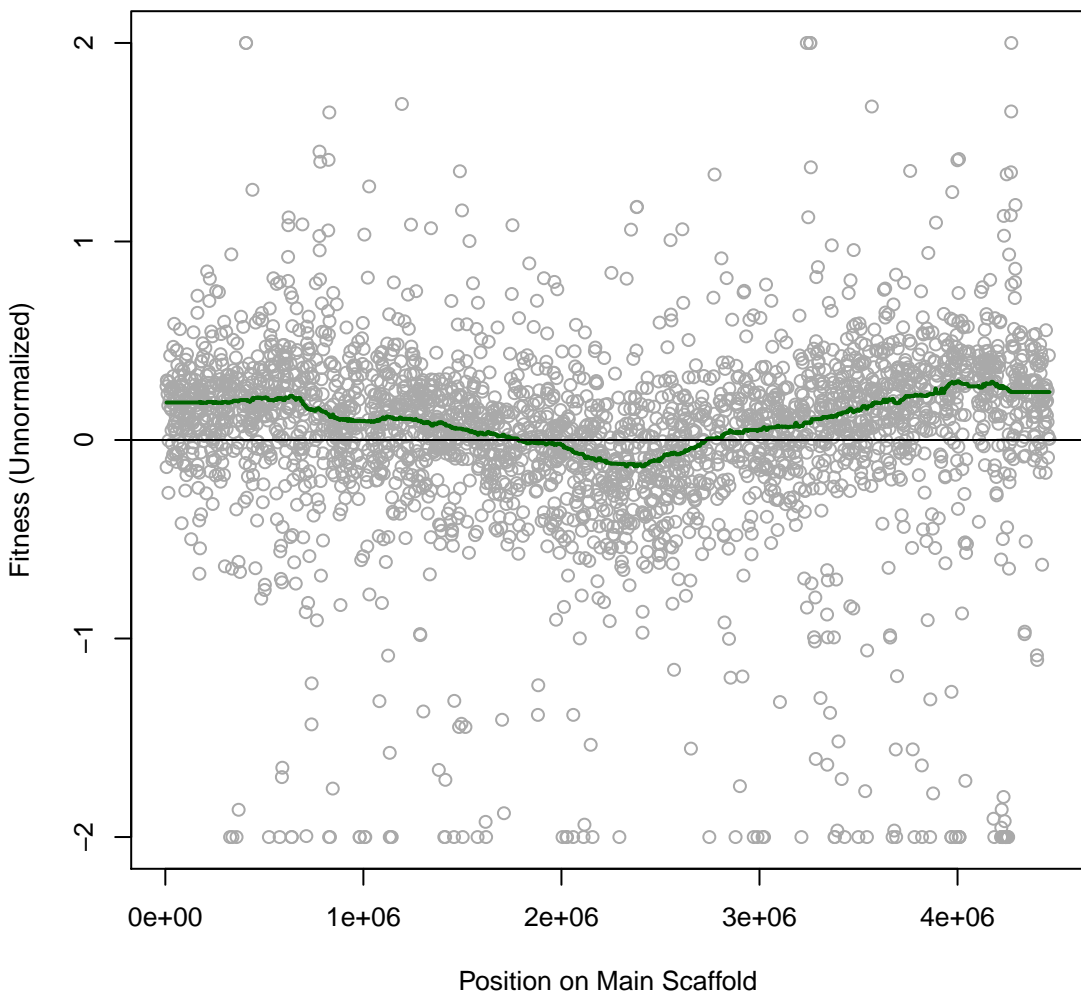
BFirm 1IT044 #44 (gMed=218 rho12=0.182)

Bacitracin 0.125 mg/ml



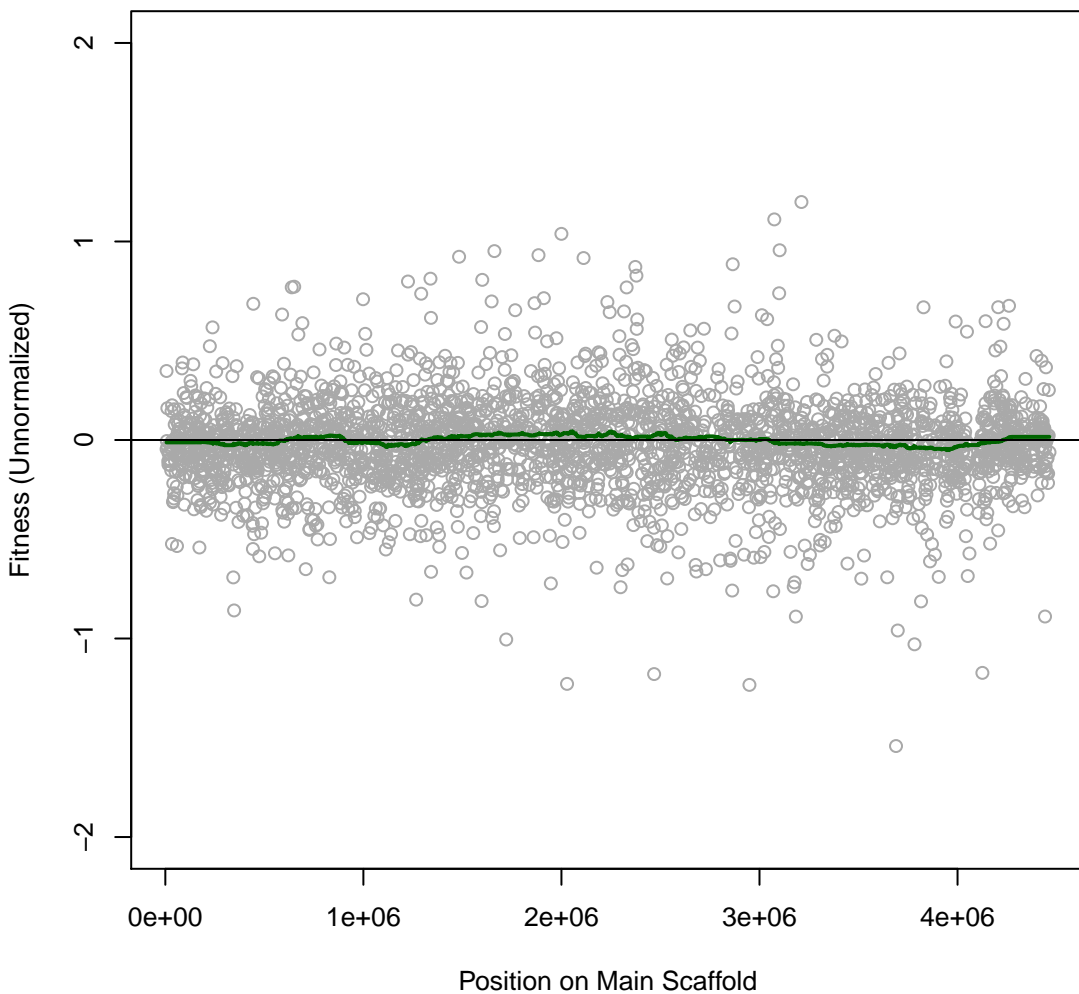
BFirm 1IT045 #45 (gMed=181 rho12=0.252)

Bacitracin 0.25 mg/ml

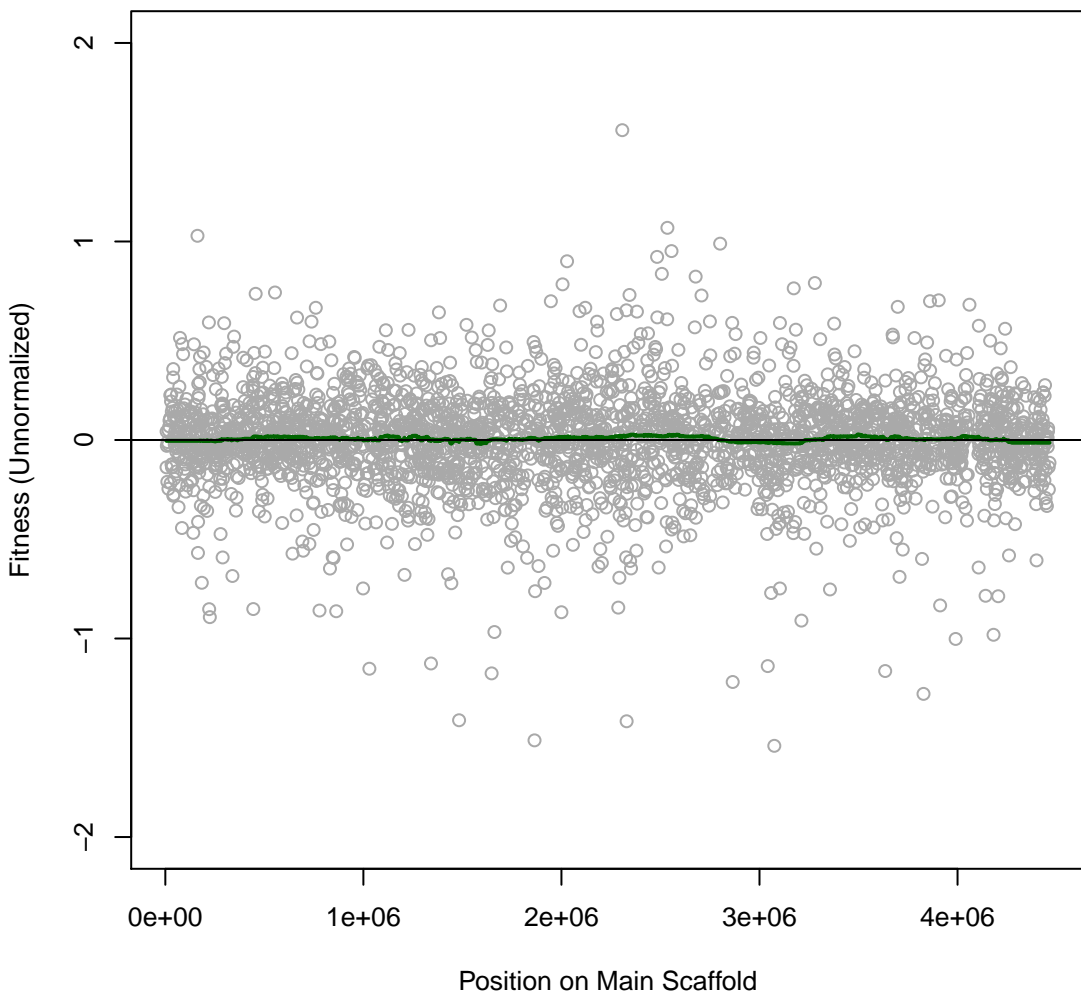


BFirm 1IT046 #46 (gMed=213 rho12=0.022)

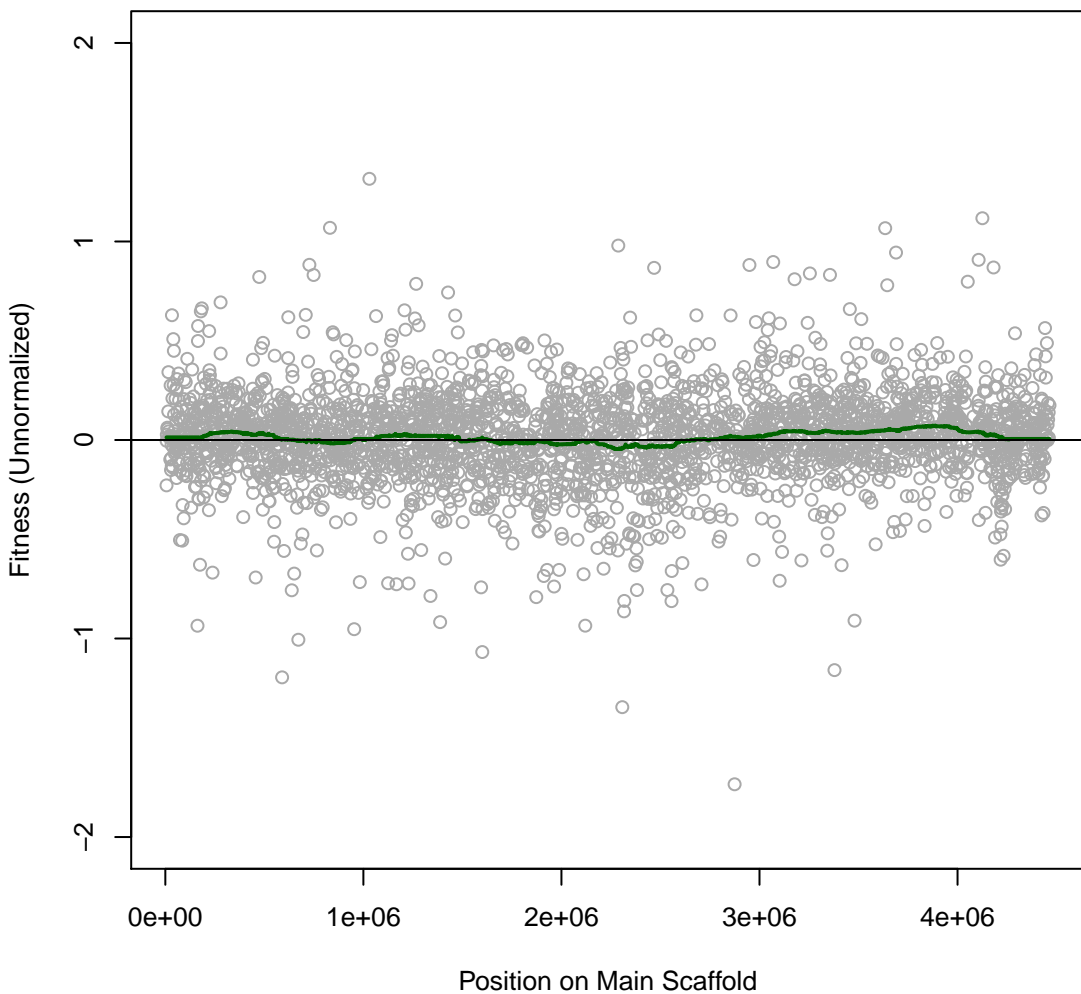
Time0



BFirm 1IT047 #47 (gMed=175 rho12=0.020)
Time0

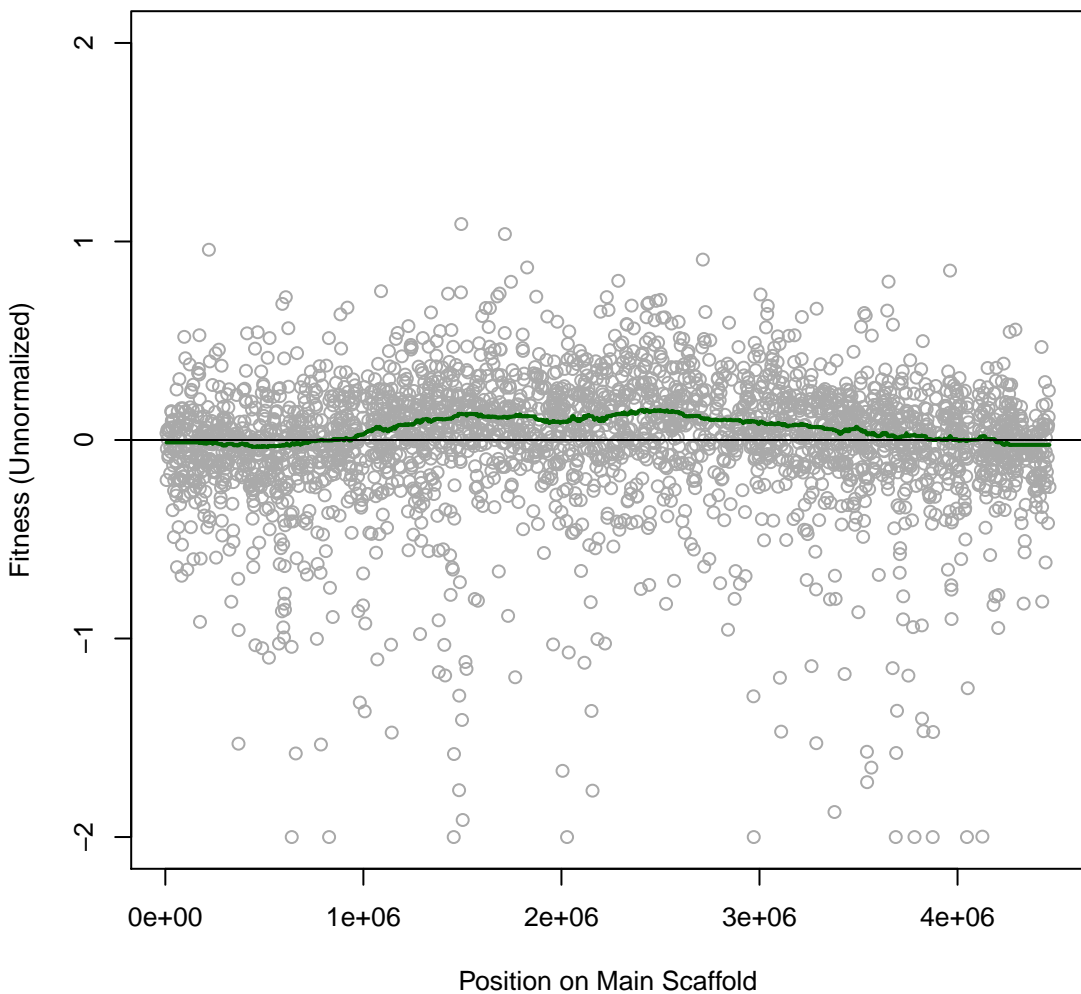


BFirm 1IT048 #48 (gMed=175 rho12=0.016)
Time0

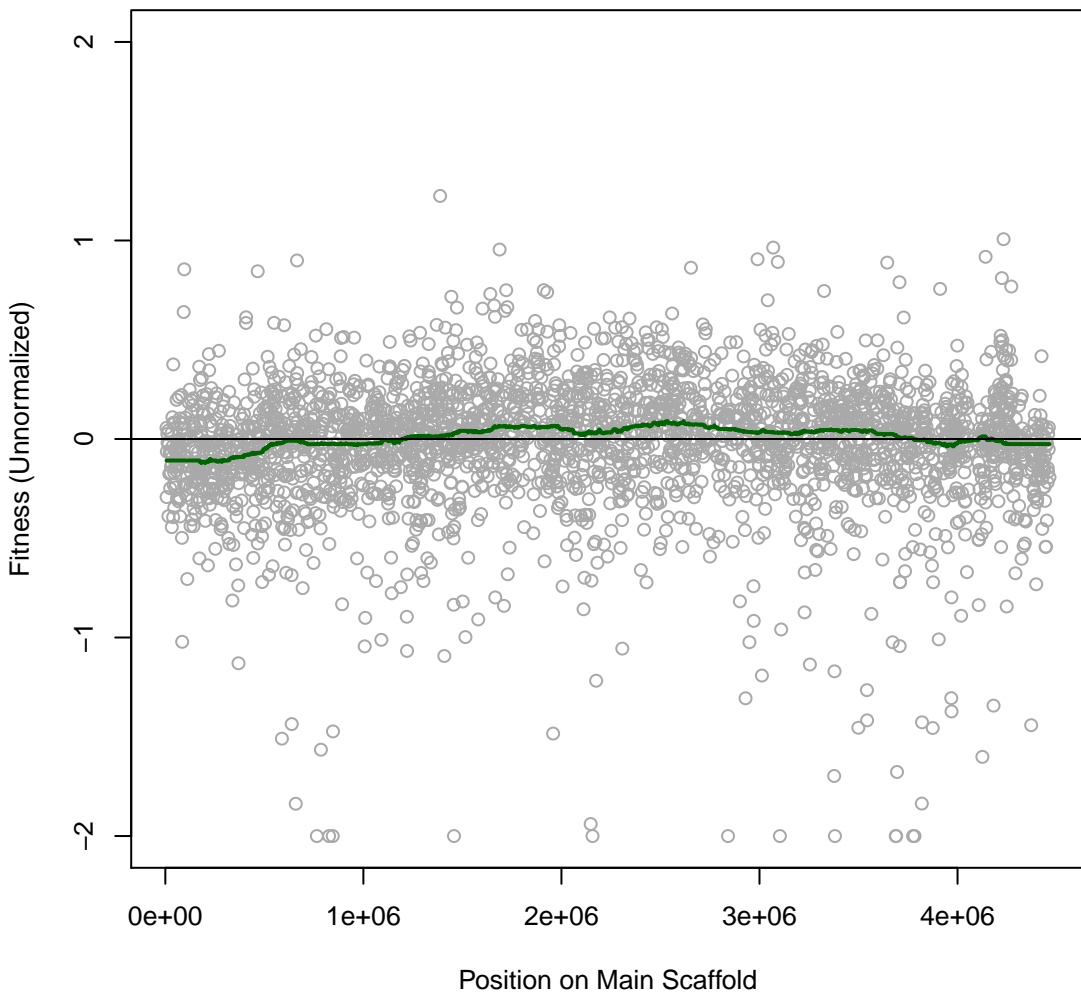


BFirm 2IT049 #49 (gMed=280 rho12=0.104)

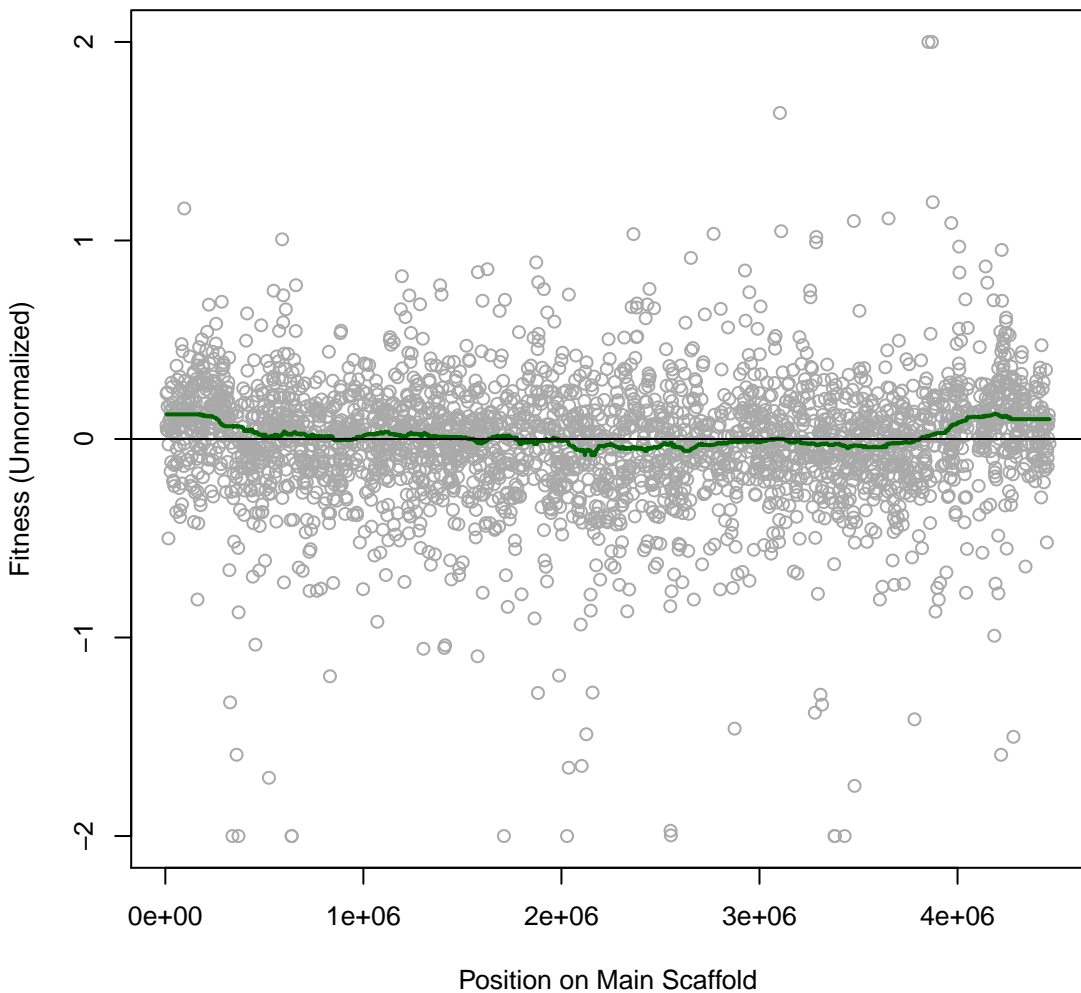
Dimethyl Sulfoxide 6 vol%



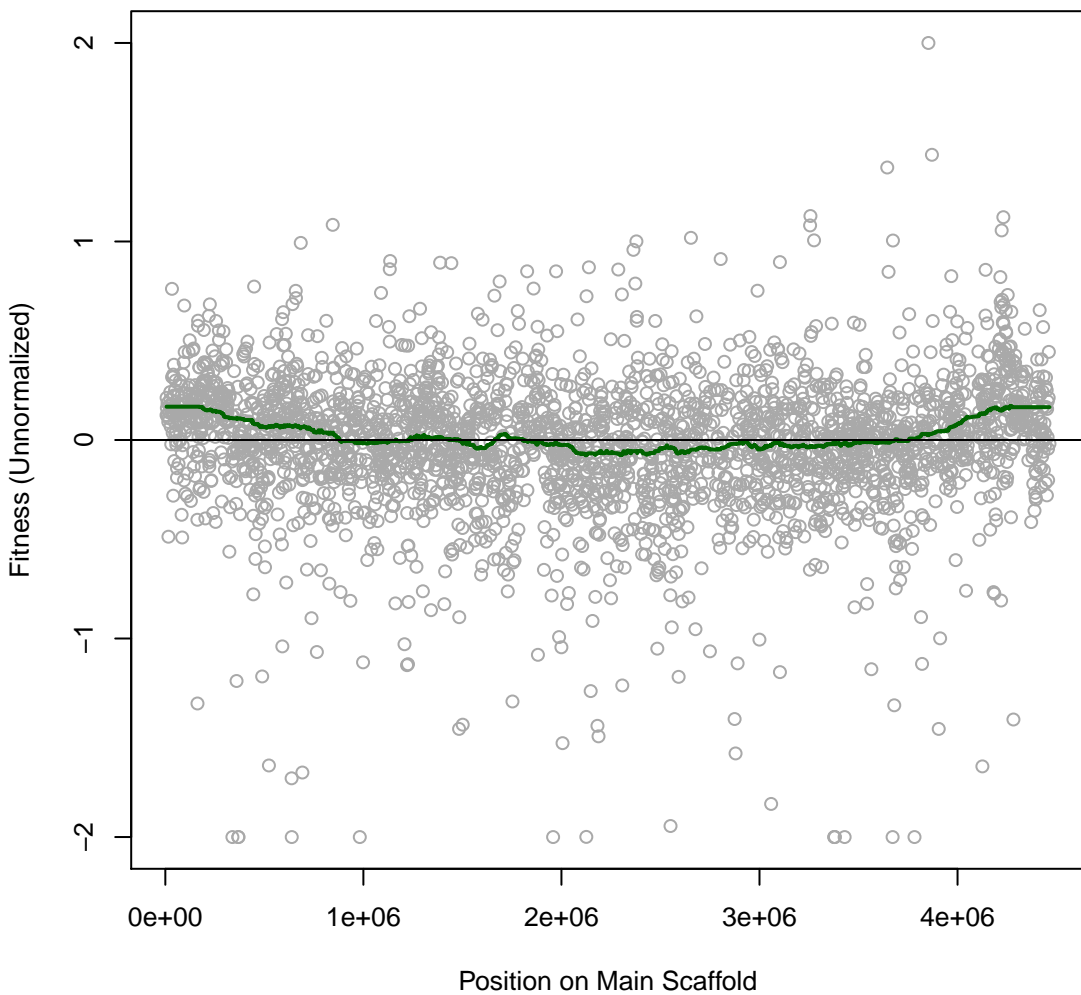
BFirm 2IT050 #50 (gMed=250 rho12=0.113)
LB



BFirm 2IT051 #51 (gMed=249 rho12=0.093)
Cephalothin 1 mg/ml

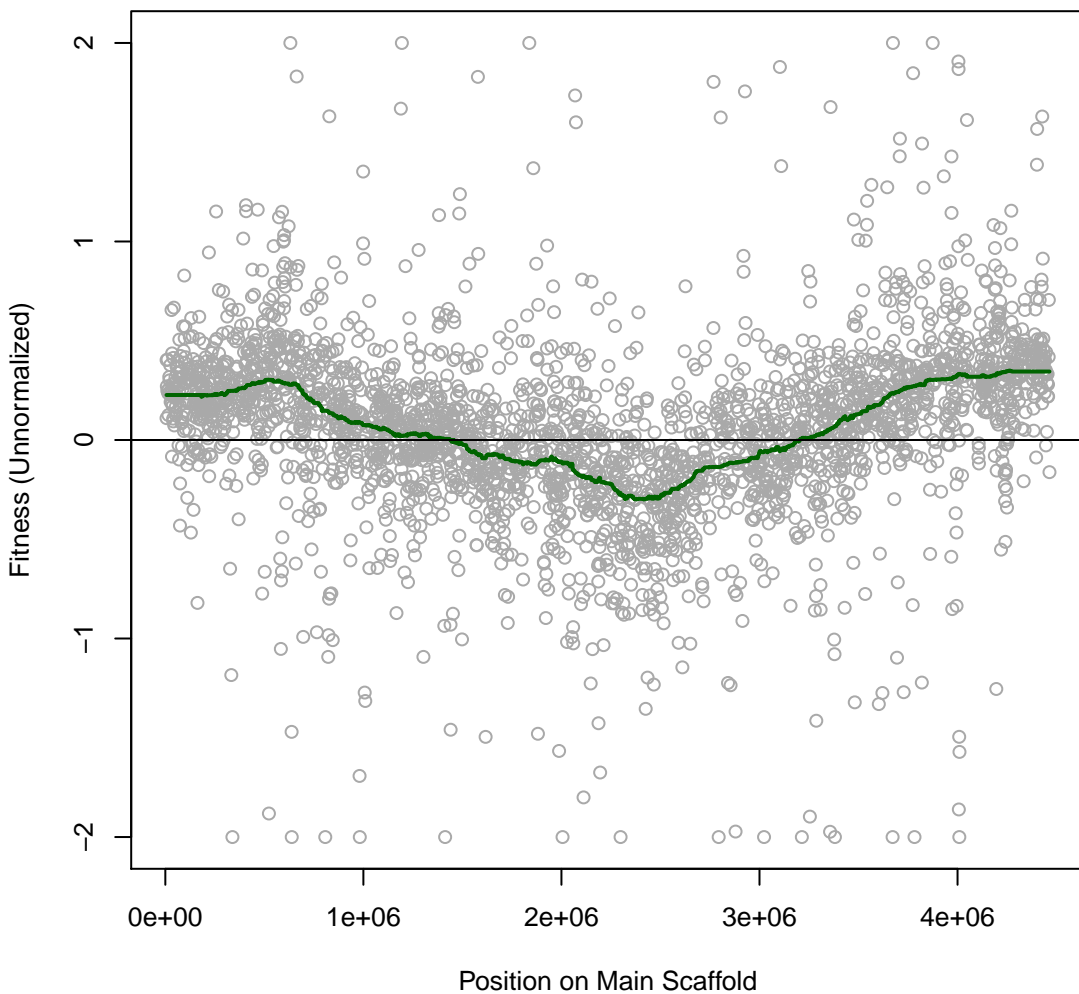


BFirm 2IT052 #52 (gMed=214 rho12=0.143)
Cephalothin 2 mg/ml



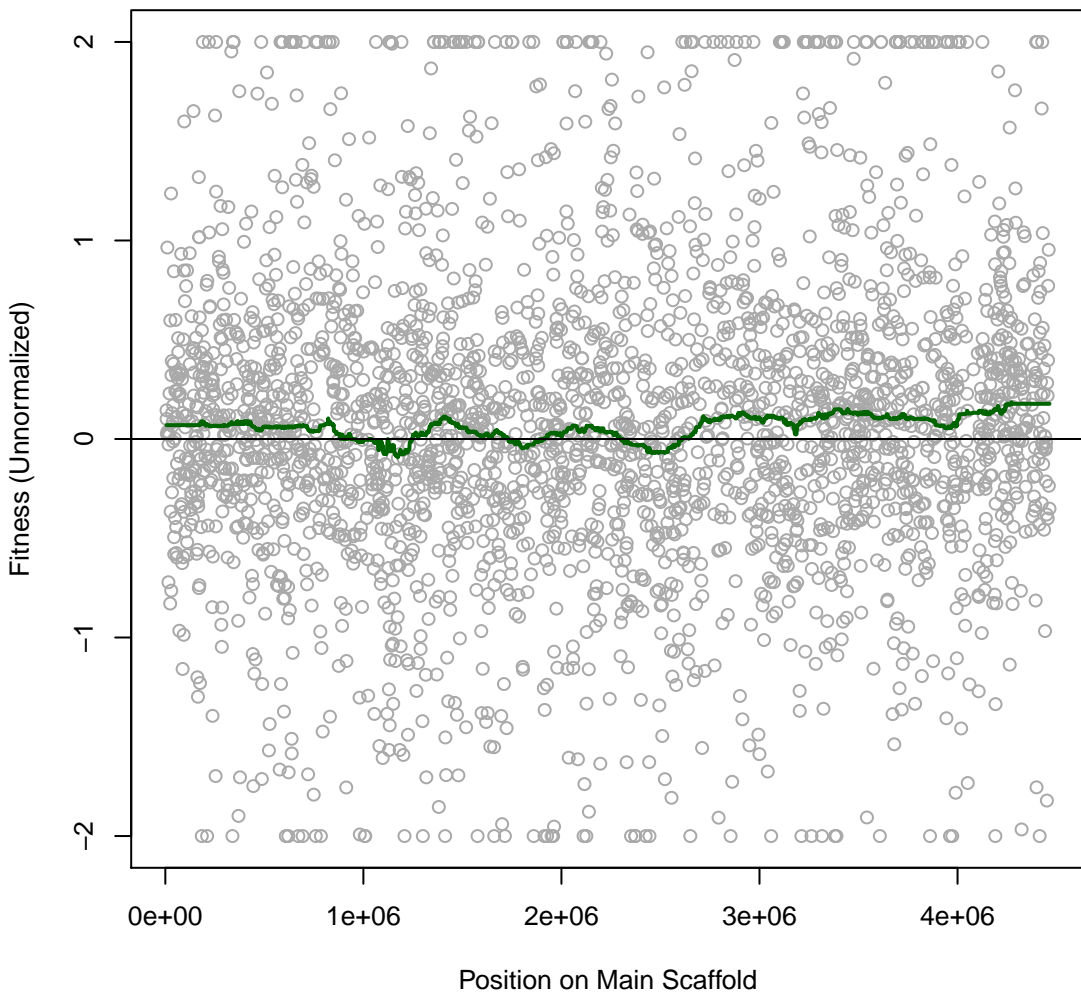
BFirm 2IT053 #53 (gMed=206 rho12=0.237)

Lomefloxacin 0.001 mM

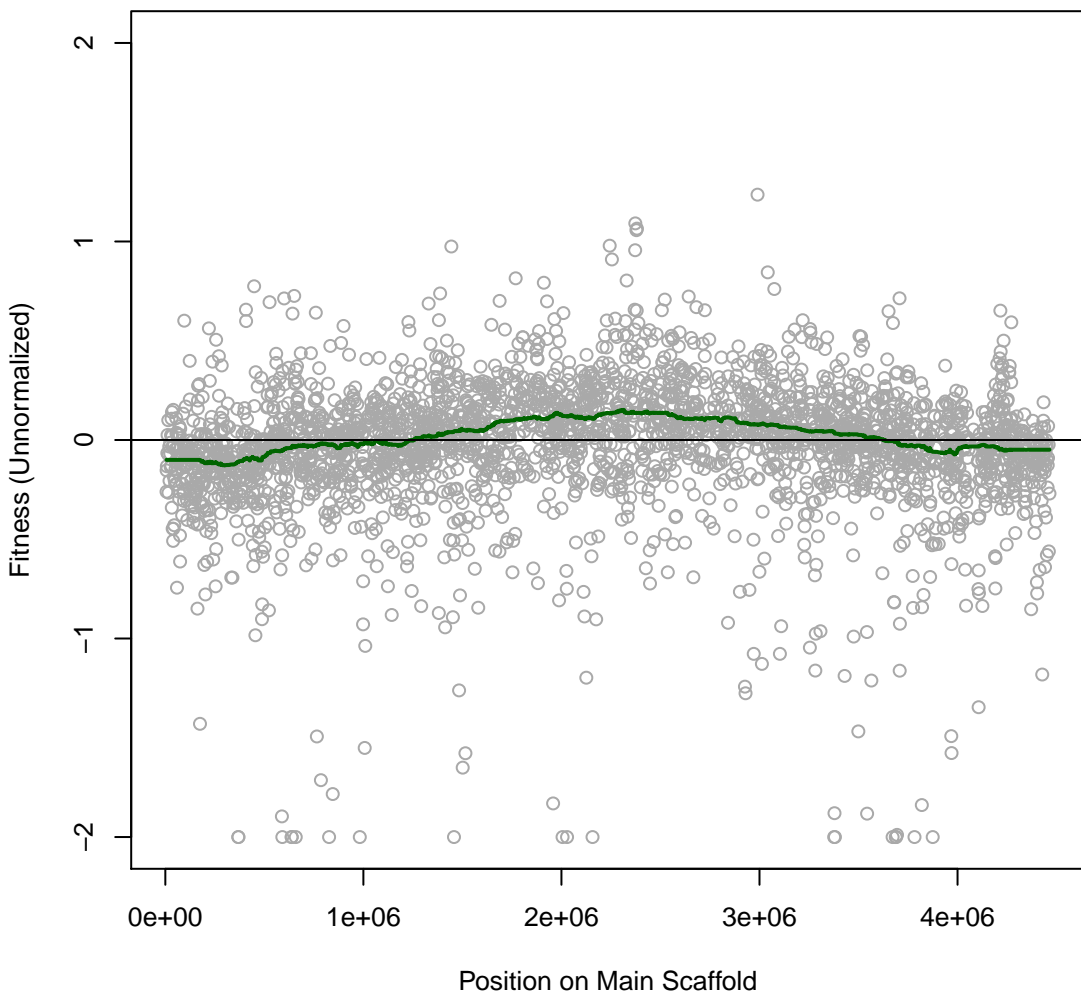


BFirm 2IT054 #54 (gMed=82 rho12=0.135)

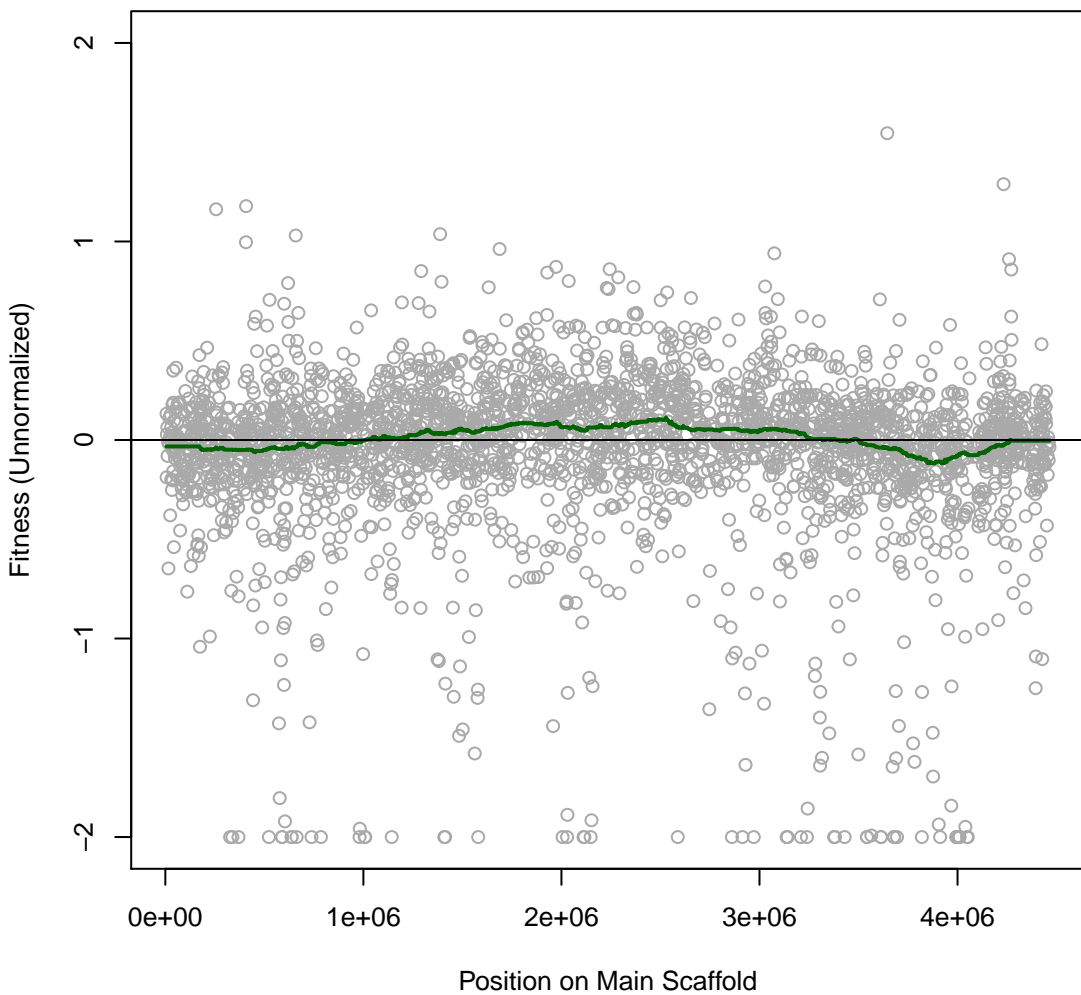
D-Cycloserine 0.05 mg/ml



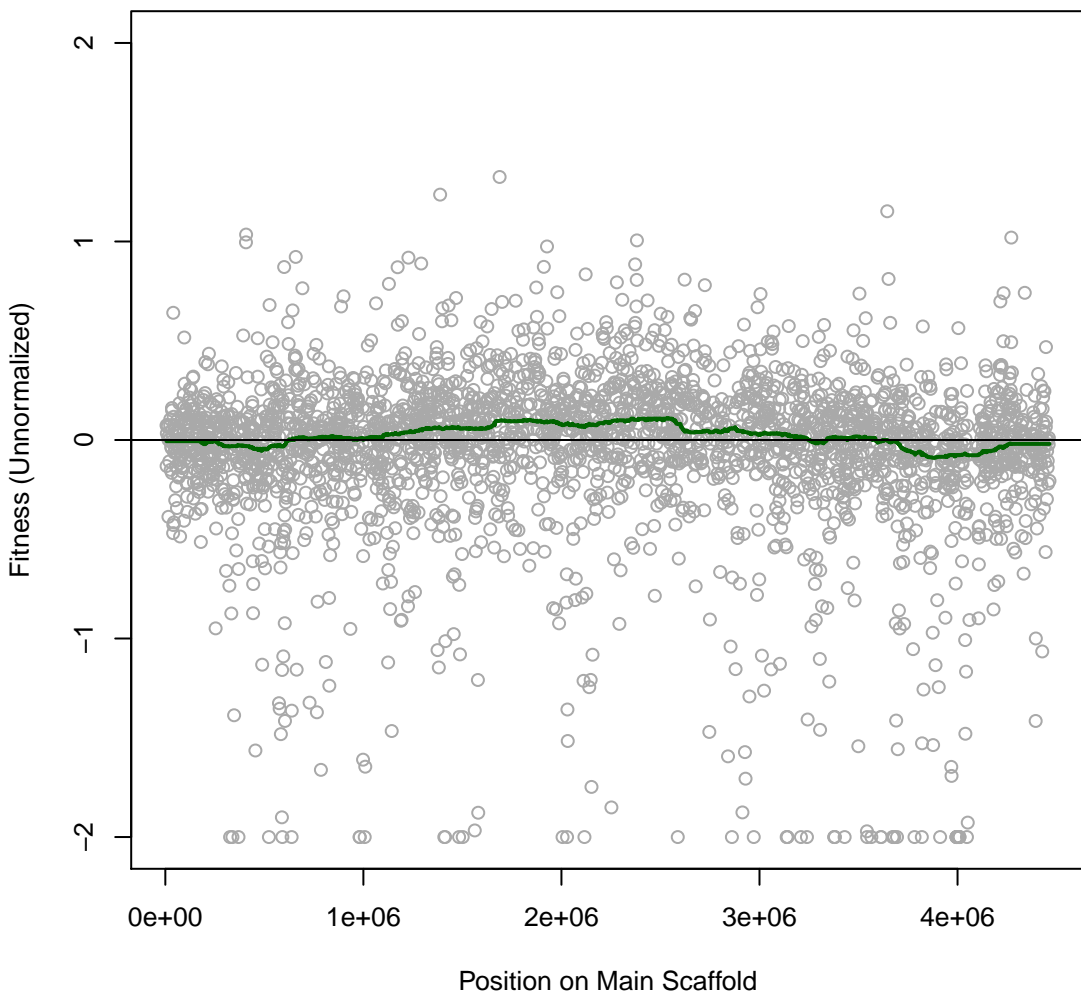
BFirm 2IT055 #55 (gMed=261 rho12=0.110)
LB



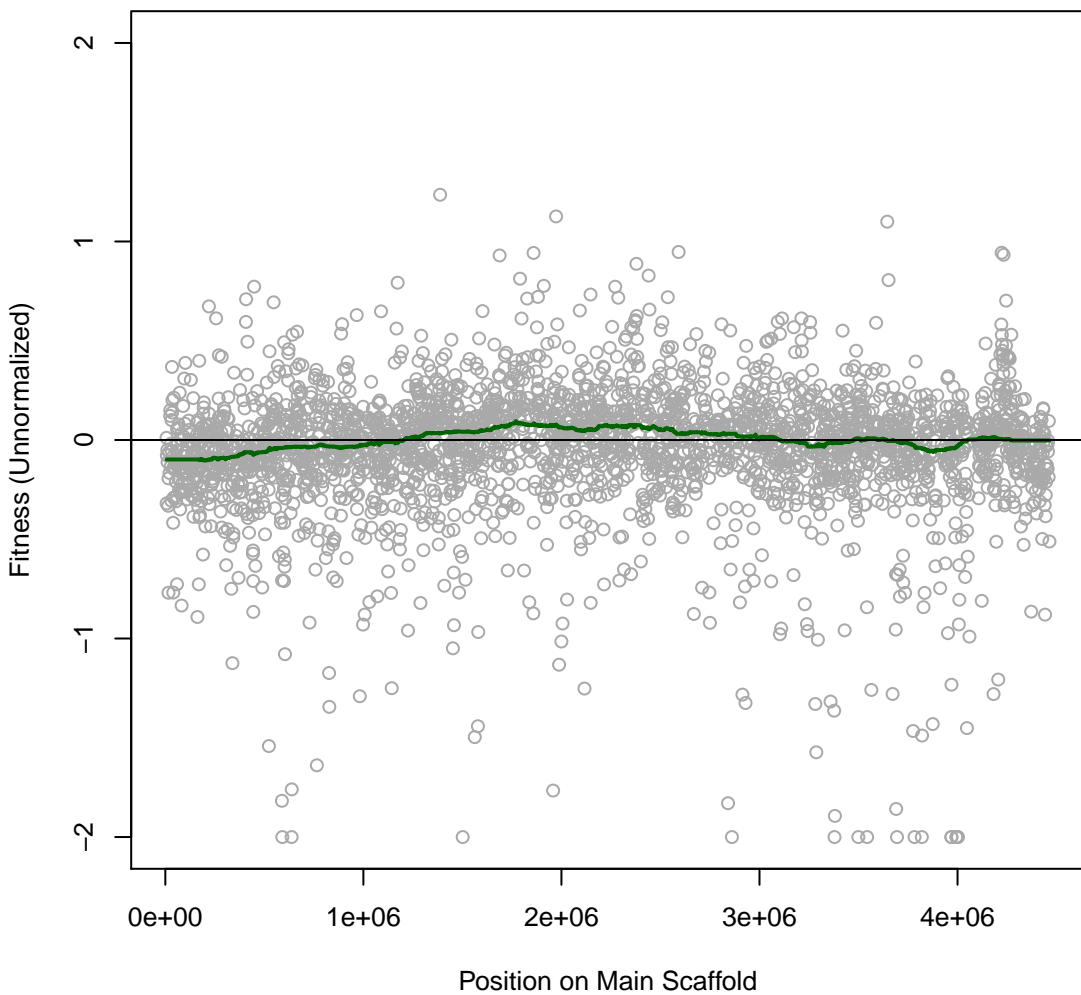
BFirm 2IT056 #56 (gMed=265 rho12=0.135)
LB, pH4



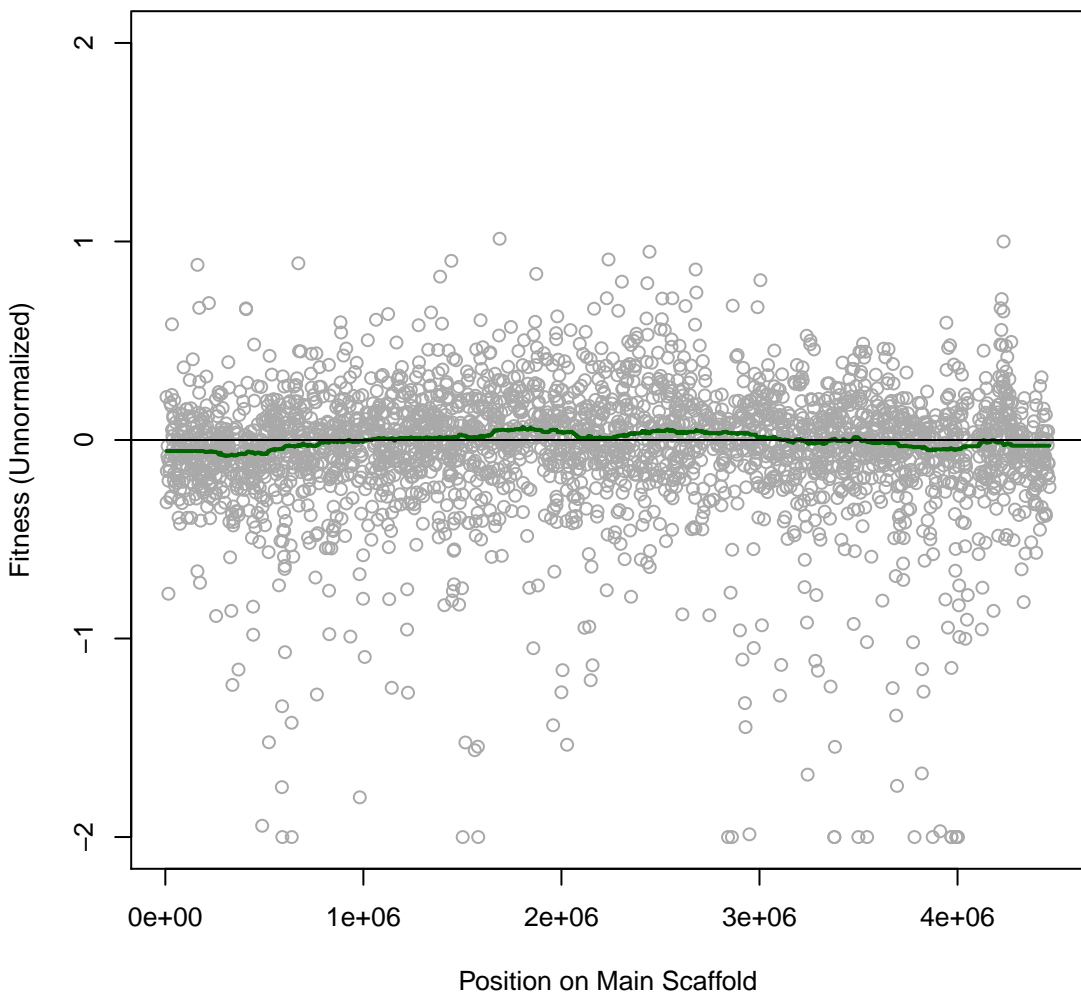
BFirm 2IT057 #57 (gMed=226 rho12=0.162)
LB, pH4



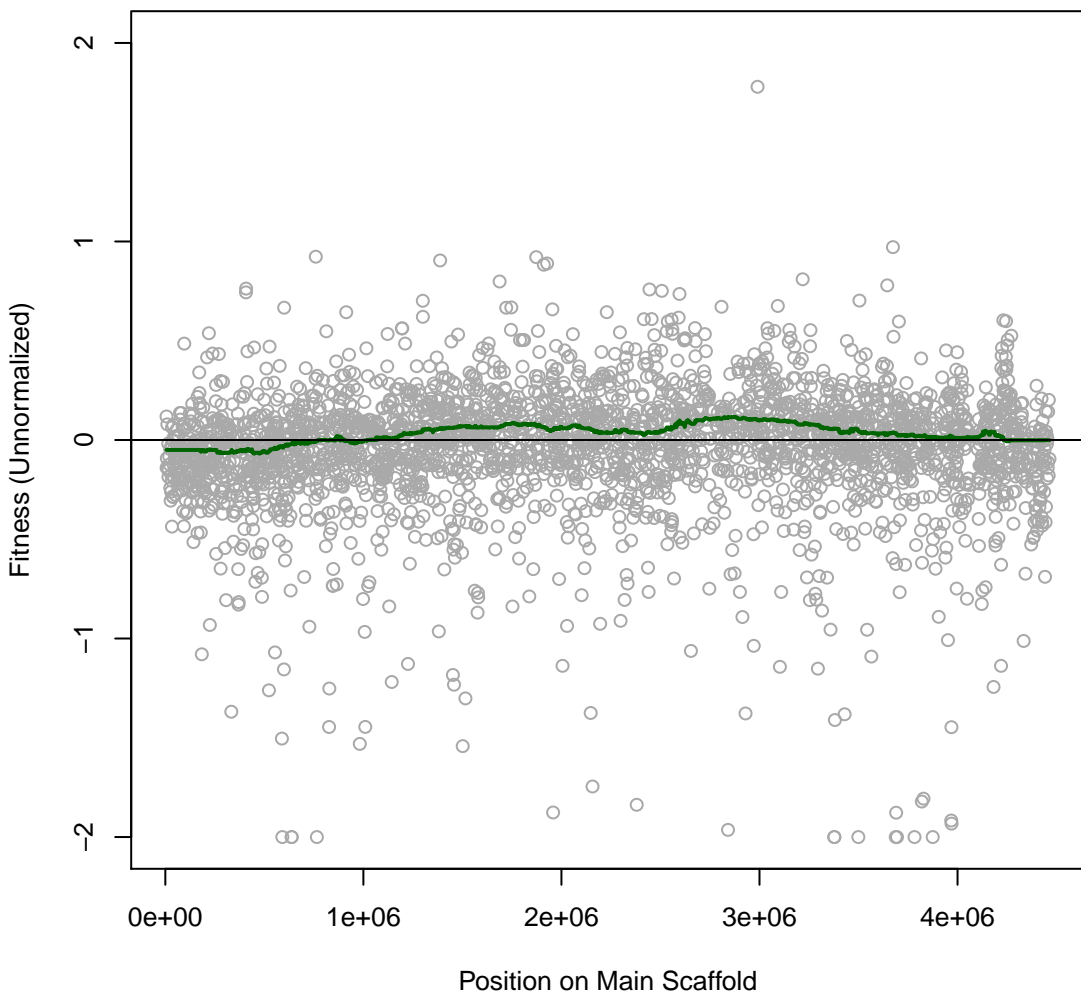
BFirm 2IT058 #58 (gMed=237 rho12=0.109)
LB, pH5



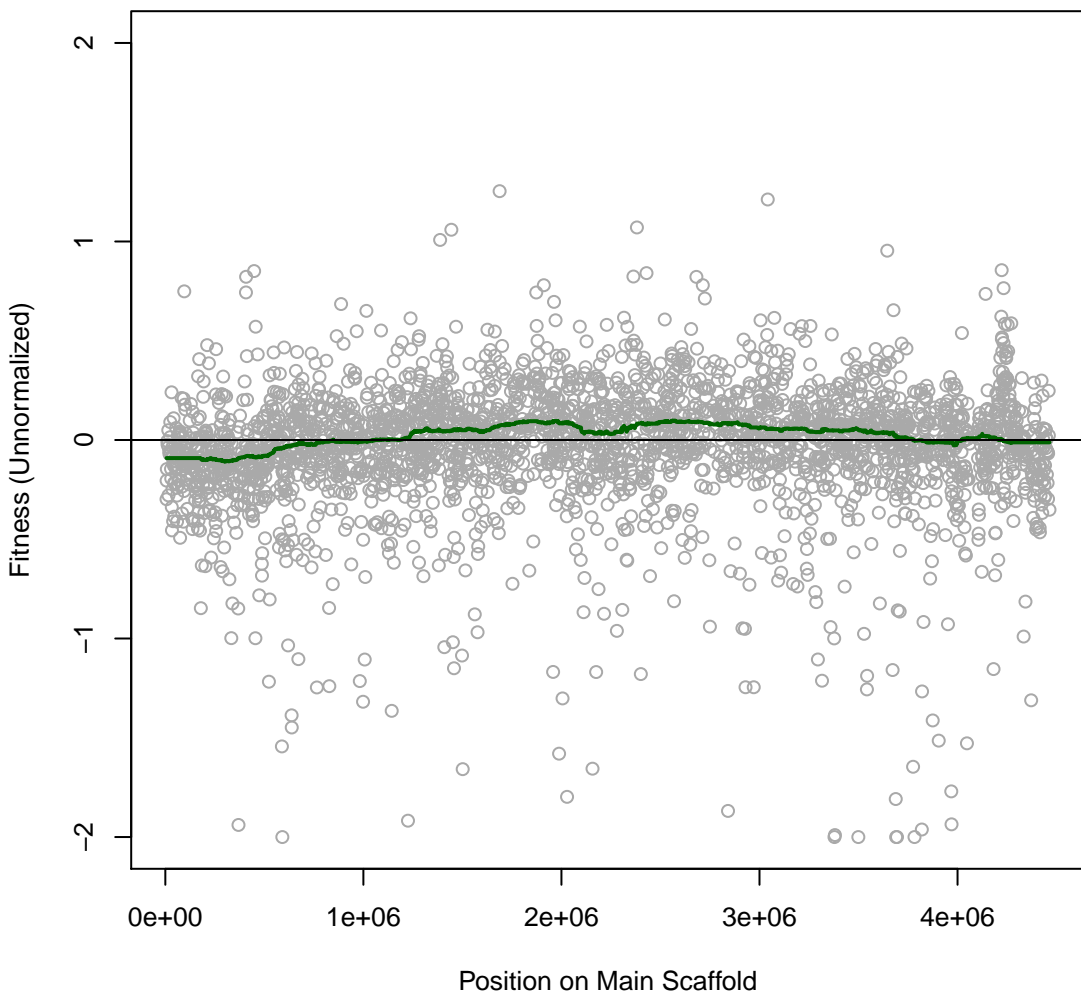
BFirm 2IT059 #59 (gMed=256 rho12=0.141)
LB, pH5



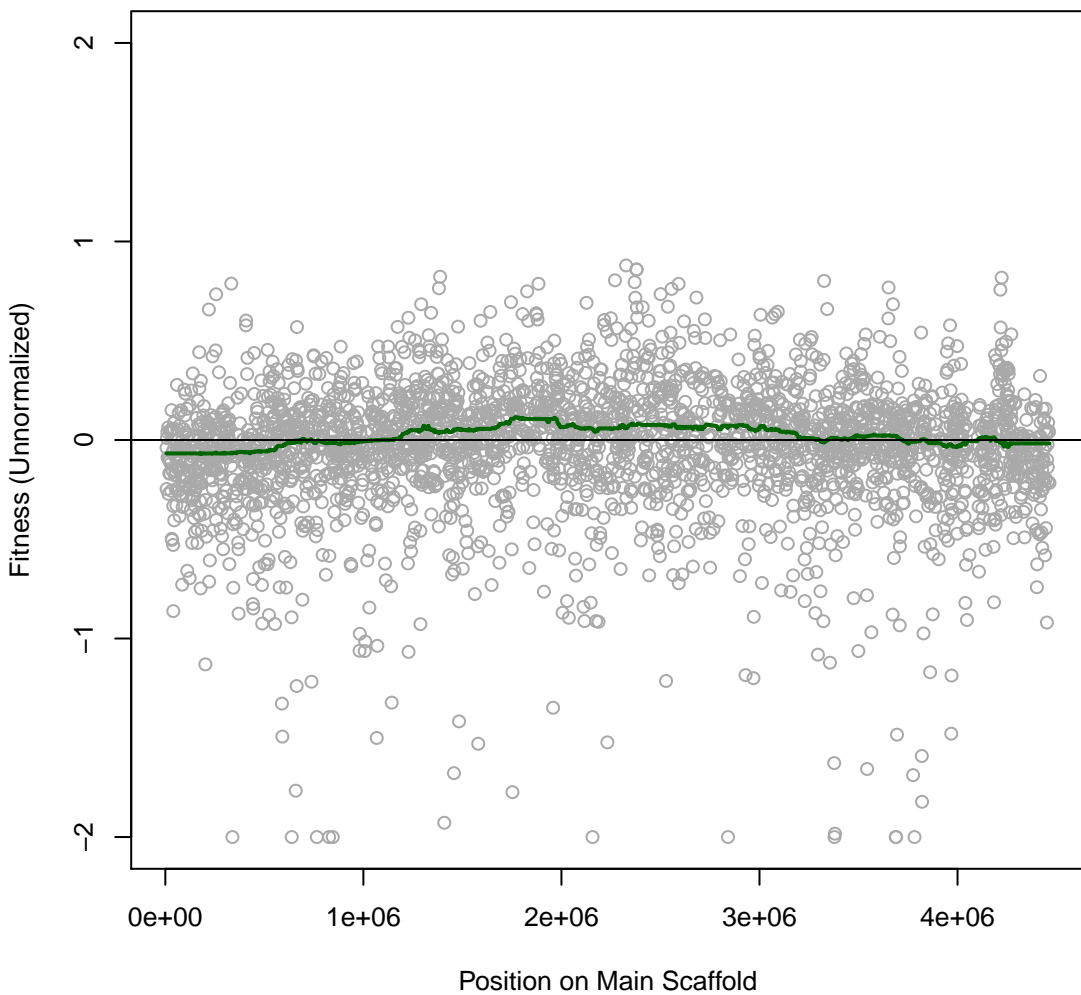
BFirm 2IT060 #60 (gMed=196 rho12=0.091)
LB, pH6



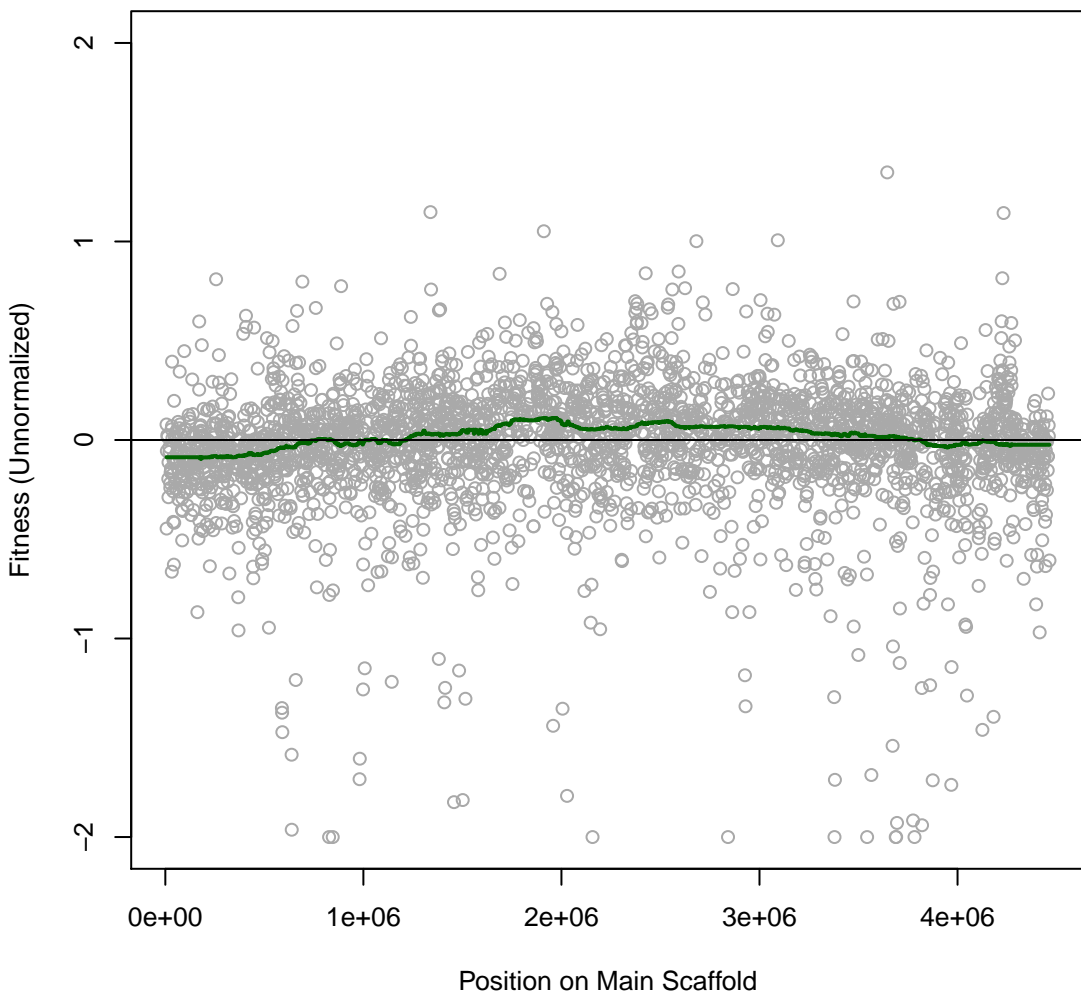
BFirm 2IT061 #61 (gMed=253 rho12=0.132)
LB, pH6



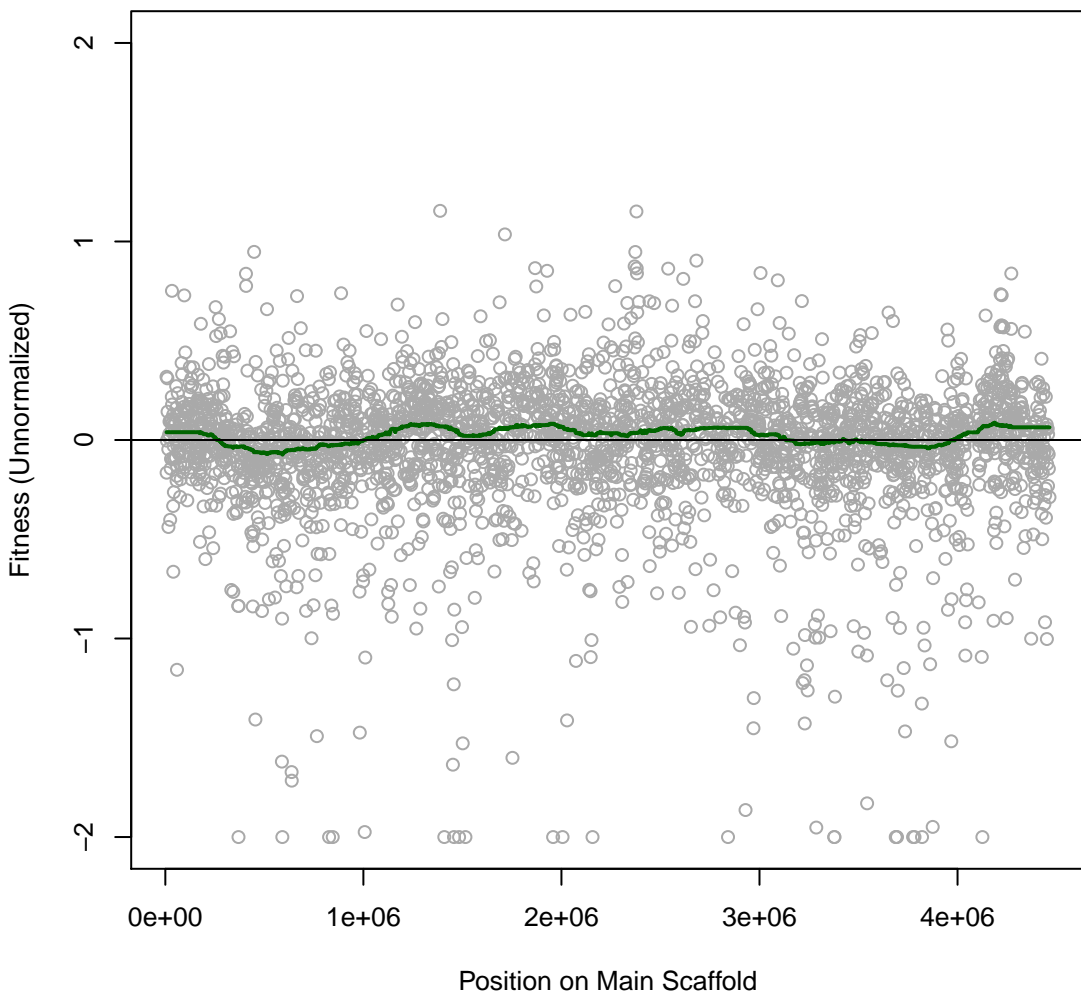
BFirm 2IT062 #62 (gMed=273 rho12=0.111)
LB, pH7



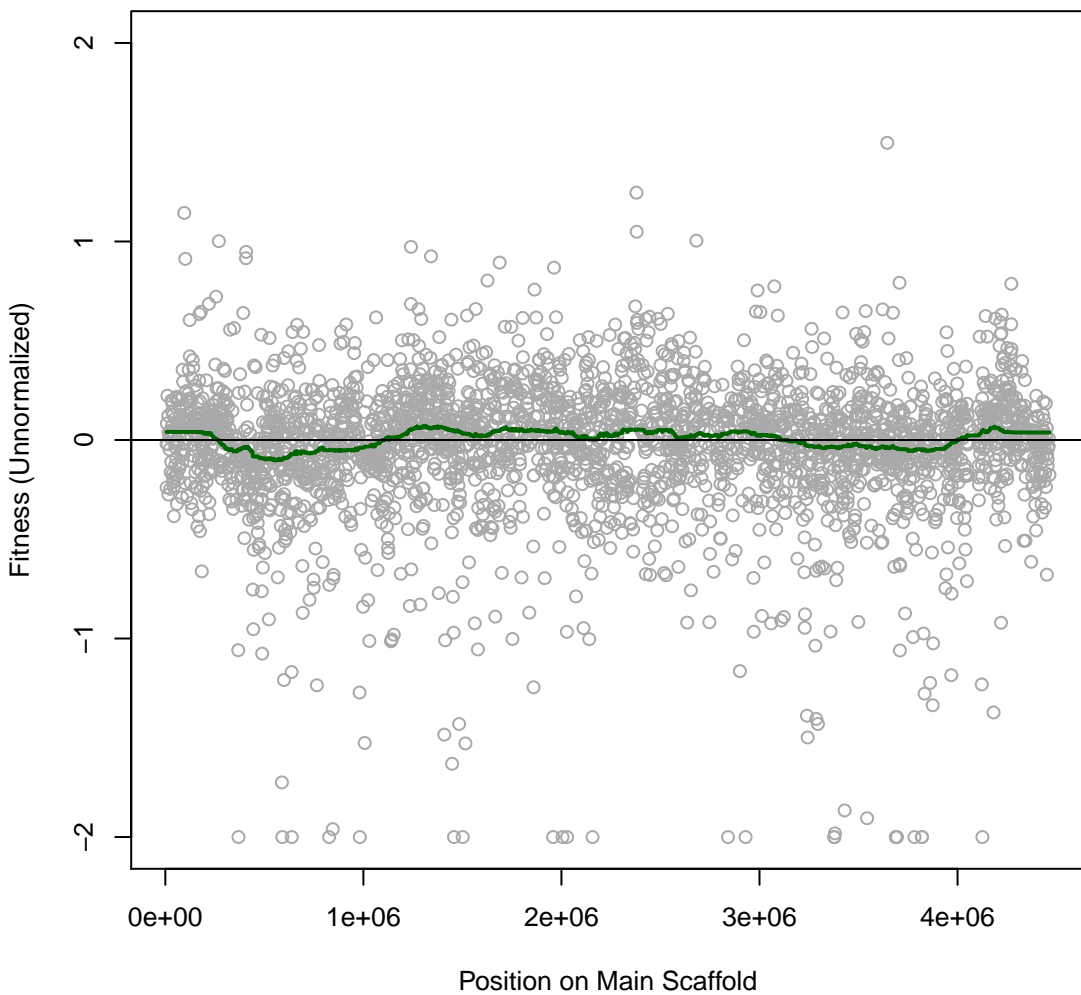
BFirm 2IT063 #63 (gMed=259 rho12=0.114)
LB, pH7



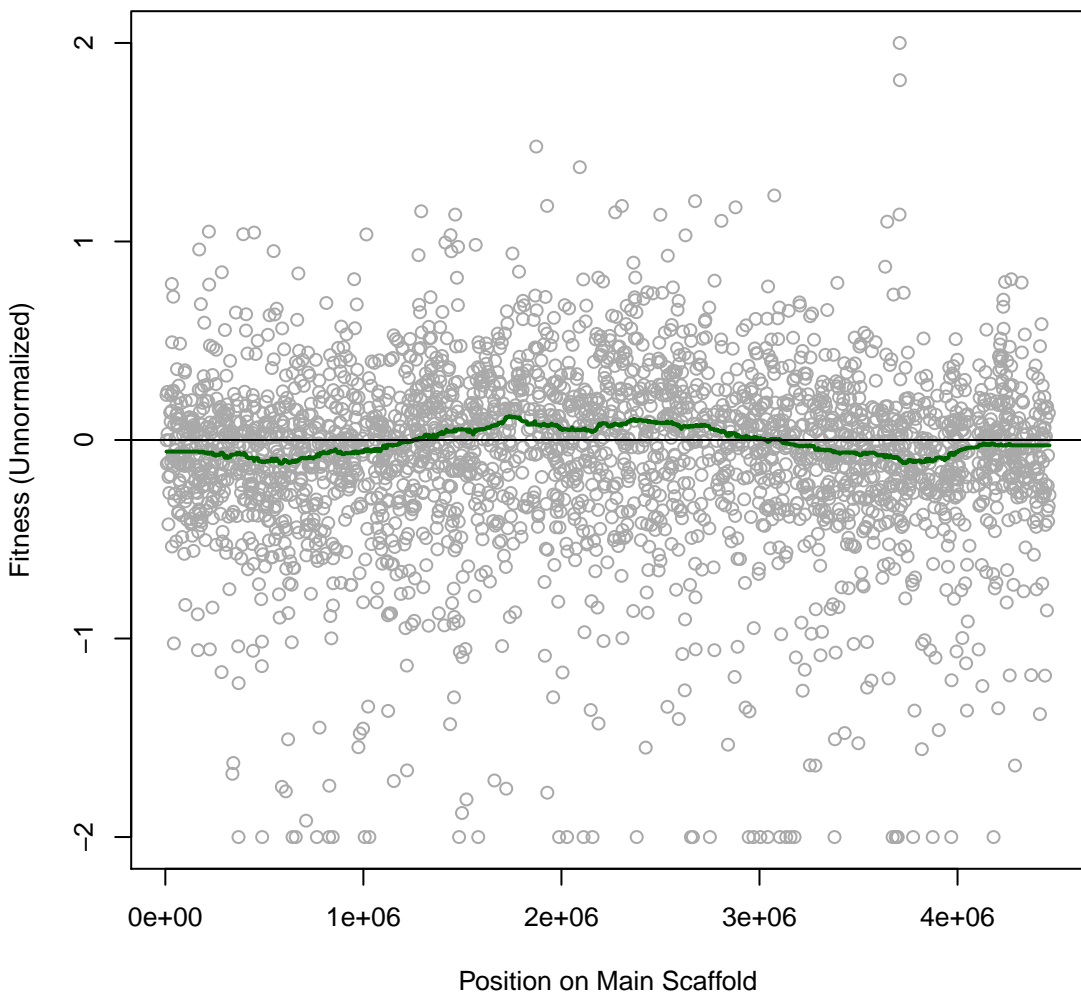
BFirm 2IT064 #64 (gMed=210 rho12=0.126)
LB, 23C



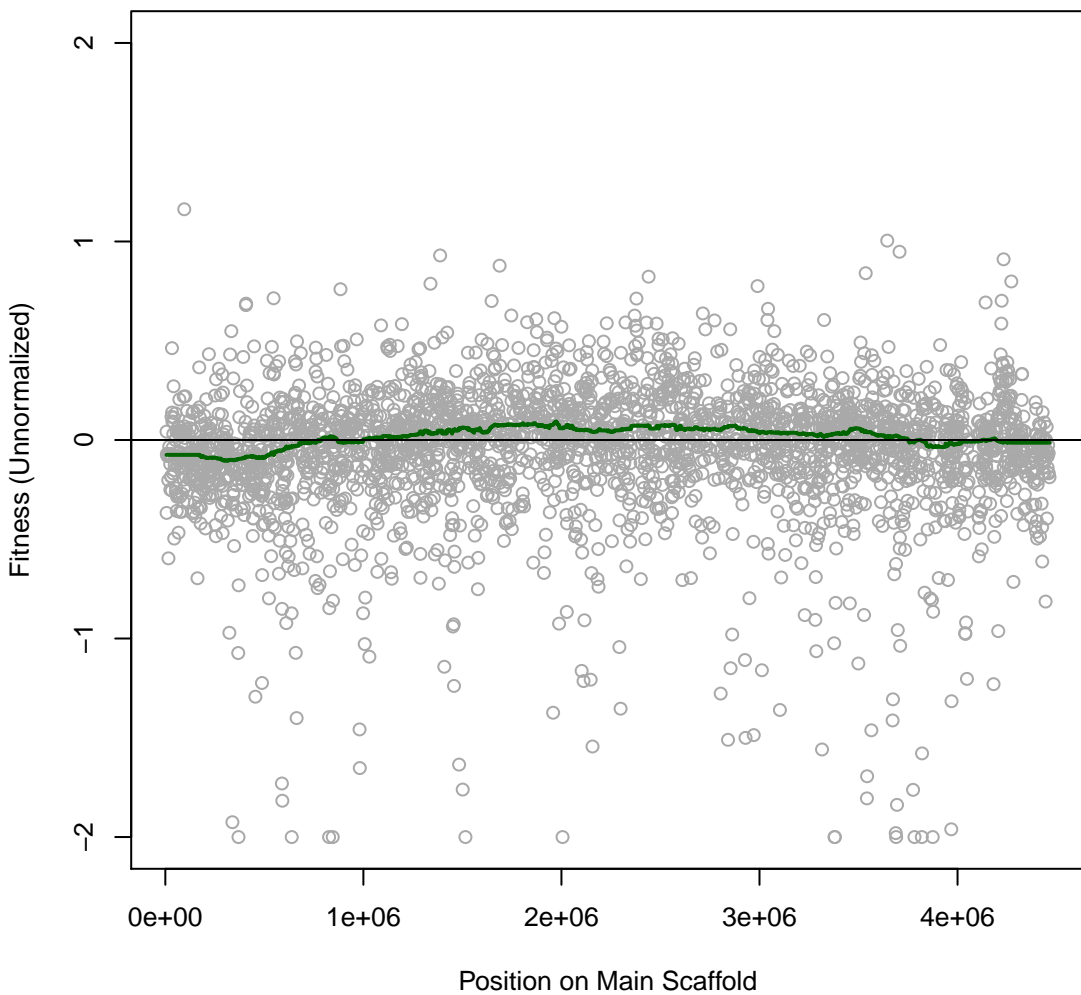
BFirm 2IT065 #65 (gMed=213 rho12=0.122)
LB, 23C



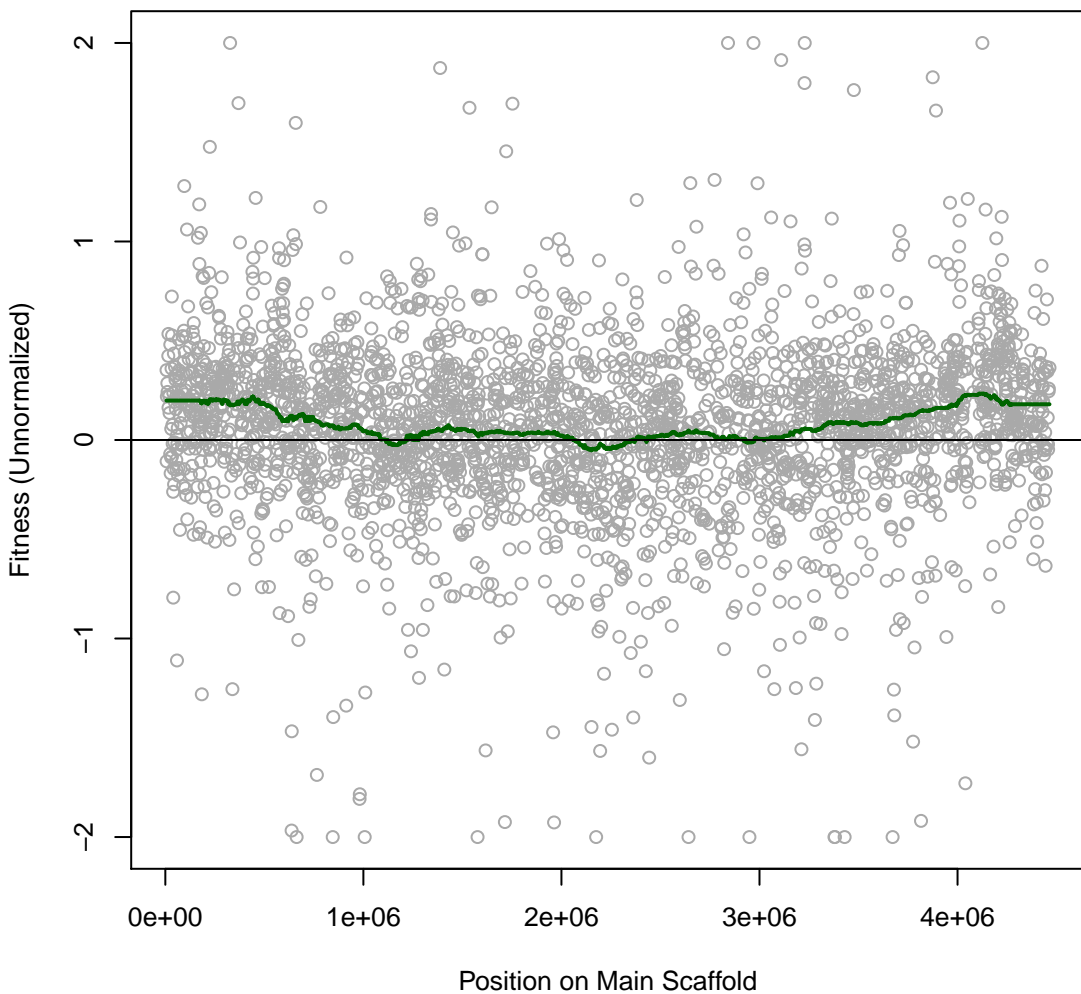
BFirm 2IT066 #66 (gMed=193 rho12=0.100)
LB, 30C



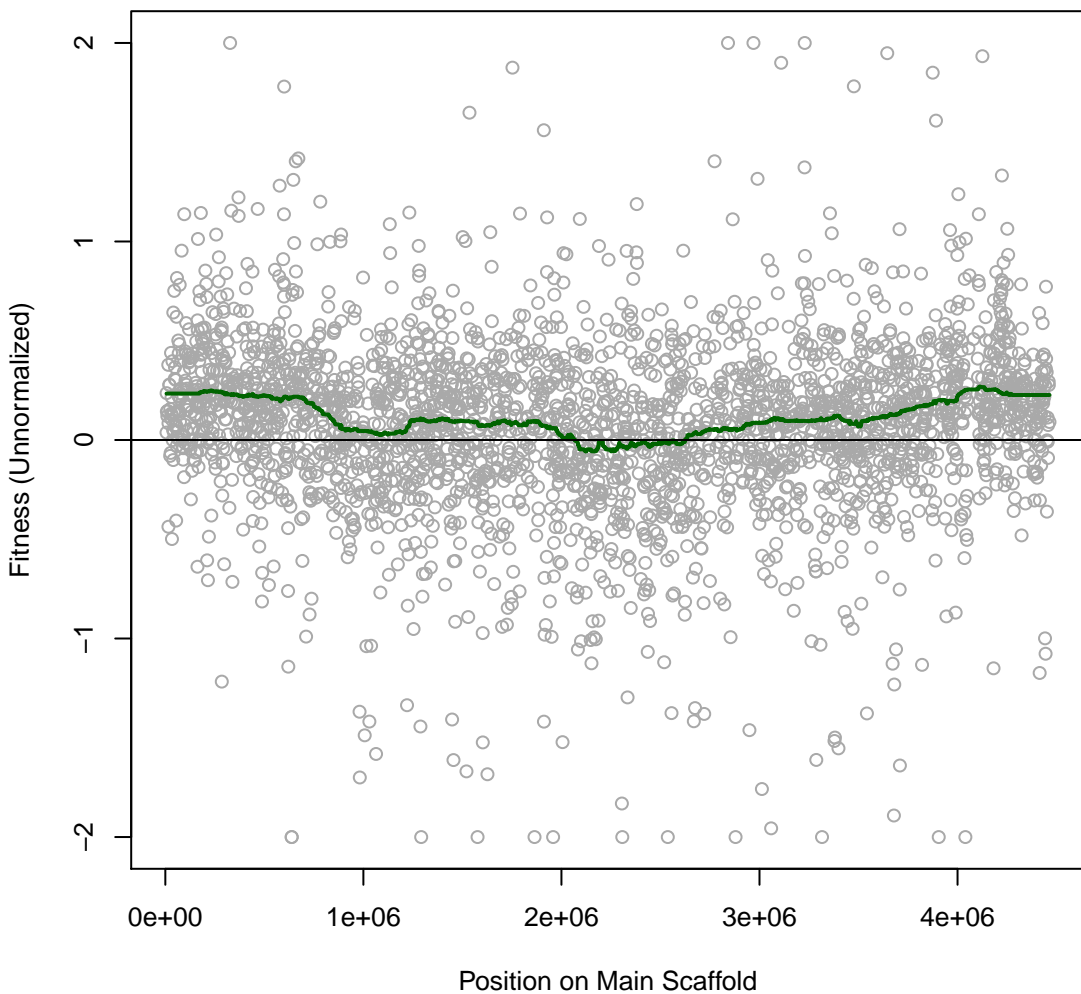
BFirm 2IT067 #67 (gMed=228 rho12=0.146)
LB, 30C



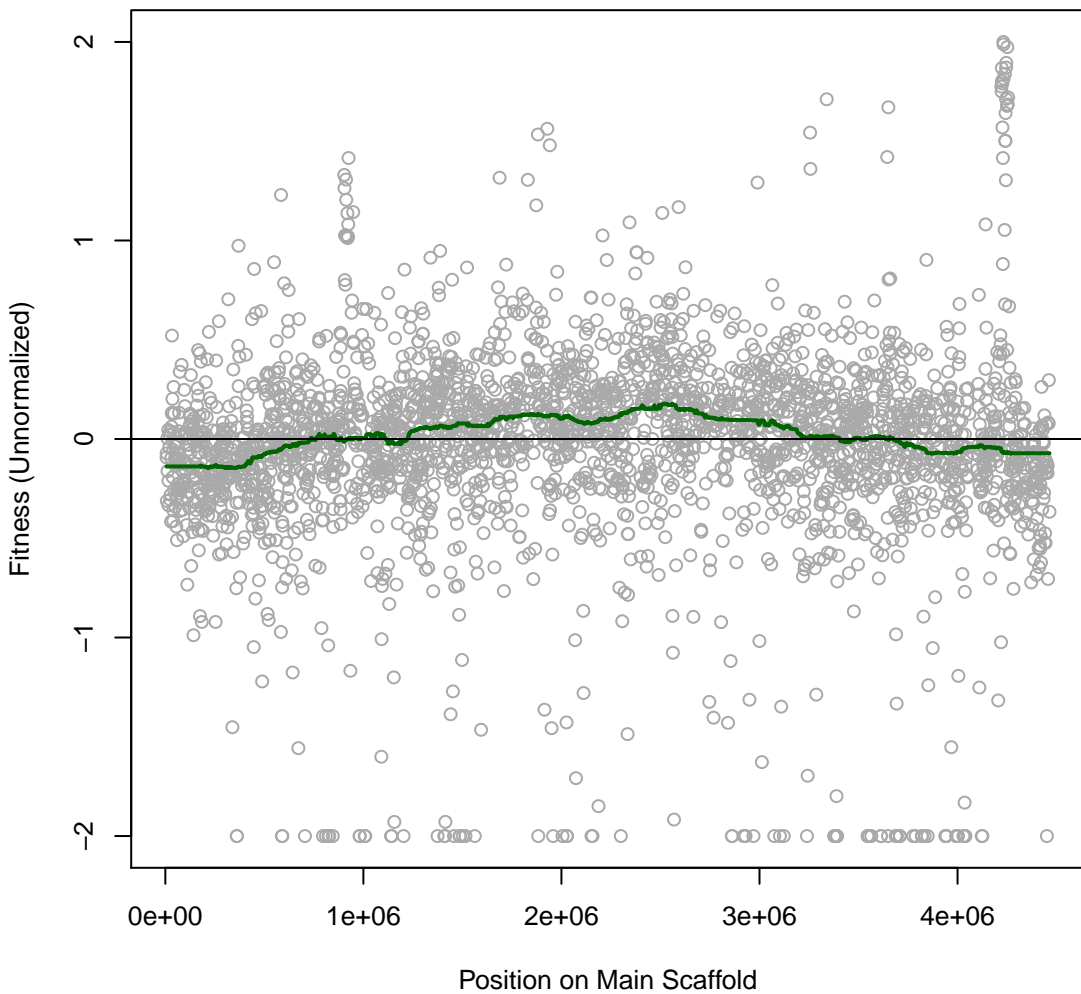
BFirm 2IT068 #68 (gMed=137 rho12=0.127)
LB, 37C



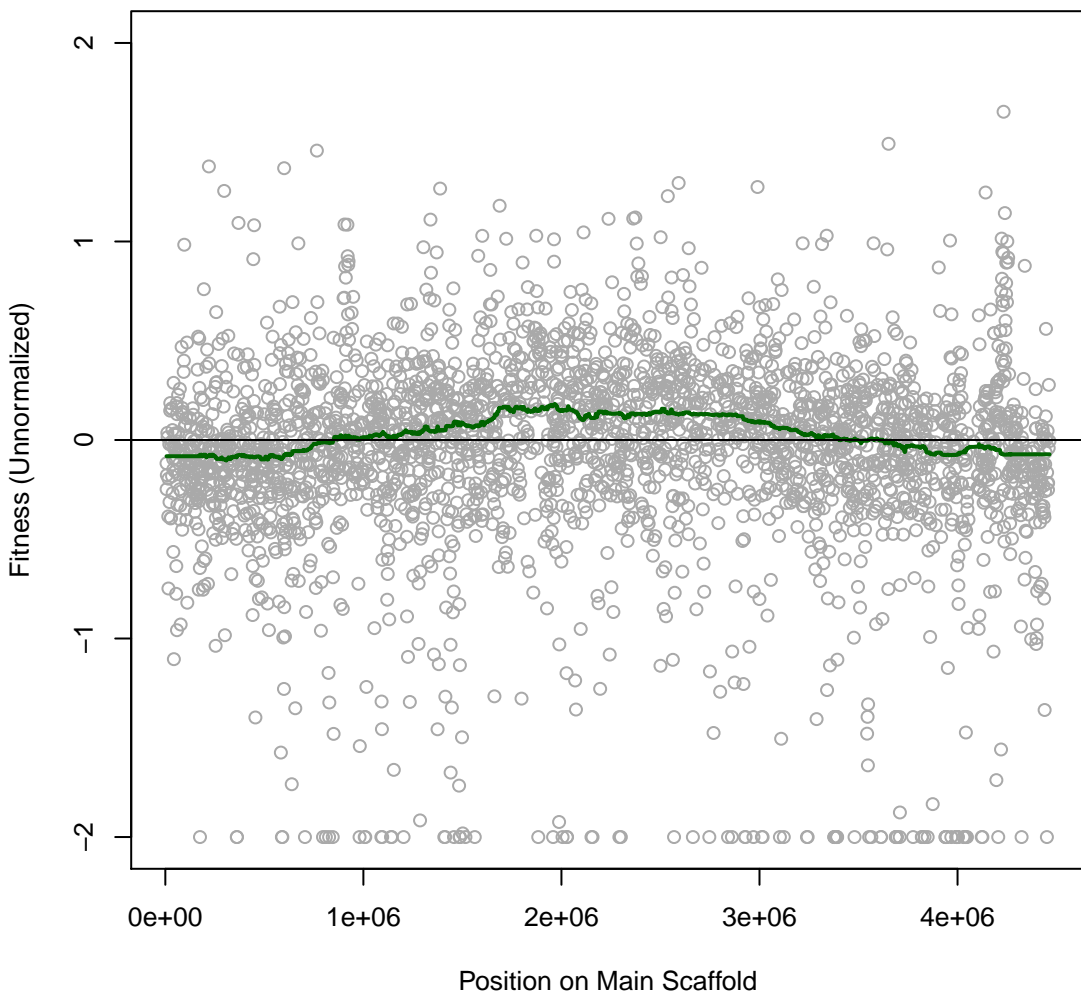
BFirm 2IT069 #69 (gMed=144 rho12=0.091)
LB, 37C



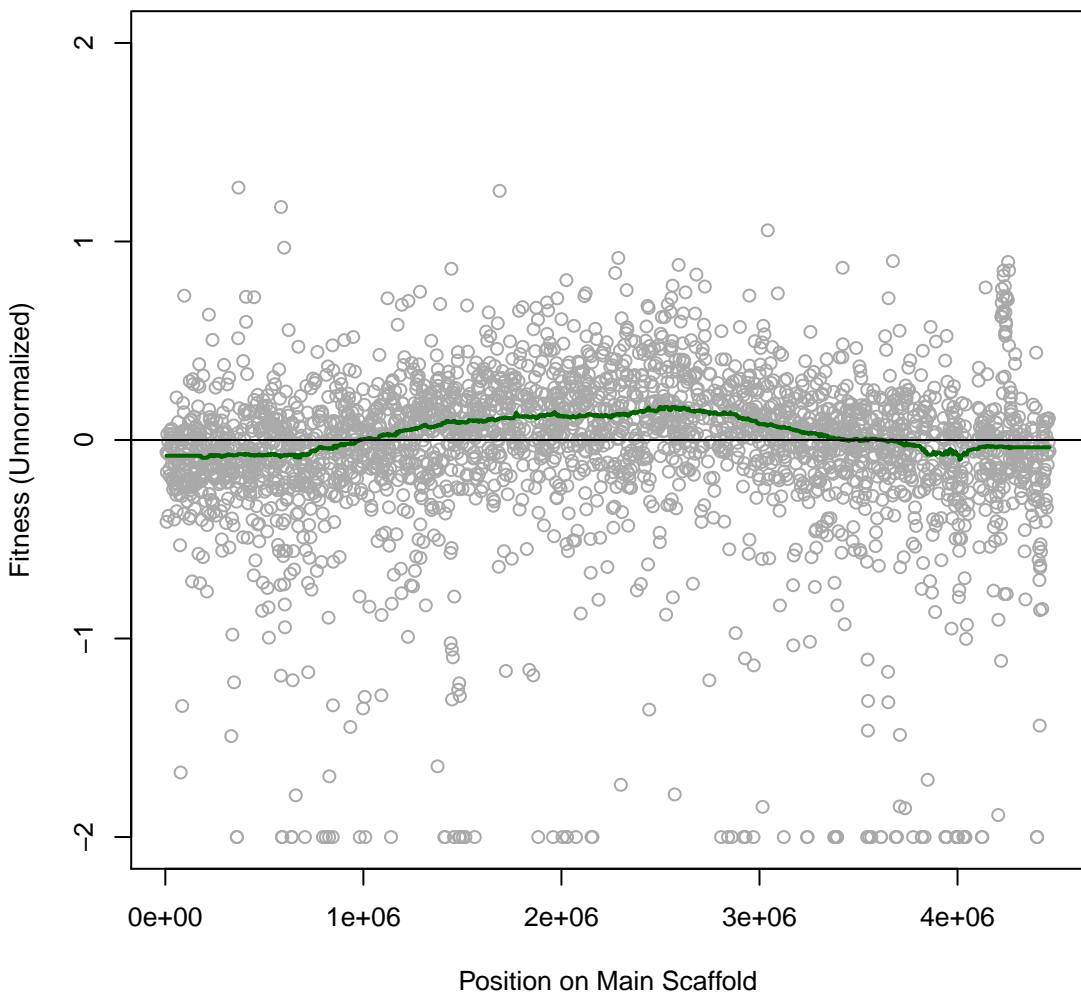
BFirm 2IT070 #70 (gMed=207 rho12=0.242)
D-Xylose (C)



BFirm 2IT071 #71 (gMed=170 rho12=0.167)
L-Fucose (C)

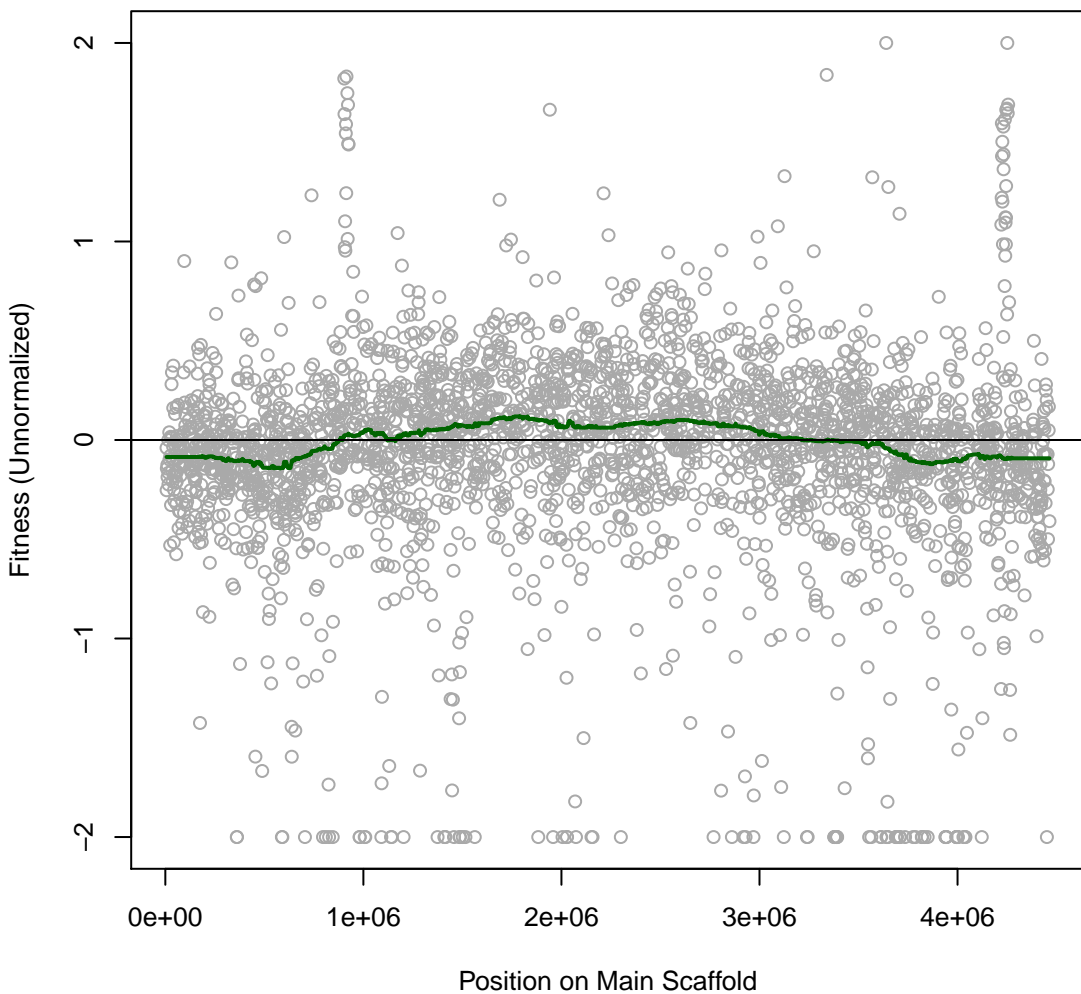


BFirm 2IT072 #72 (gMed=211 rho12=0.182)
Trisodium citrate (C)

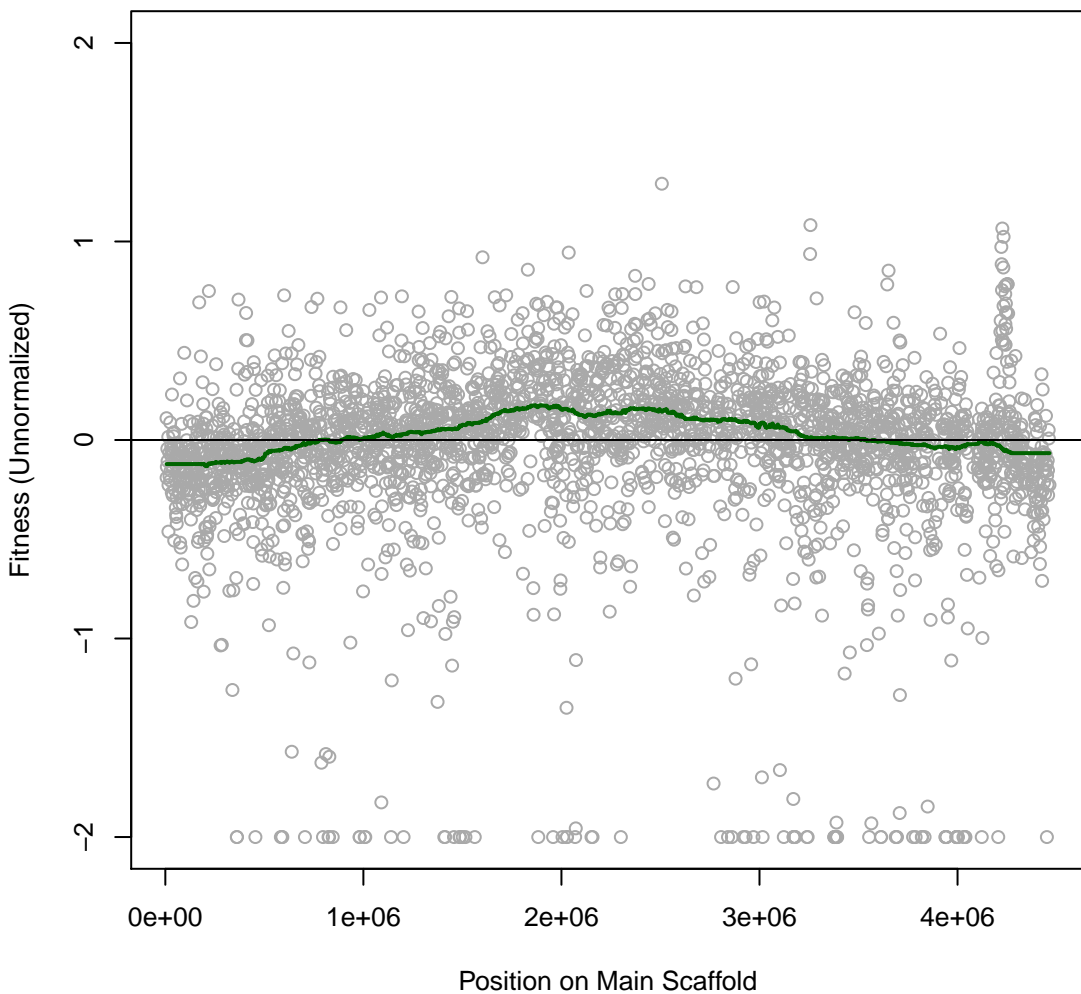


BFirm 2IT073 #73 (gMed=203 rho12=0.270)

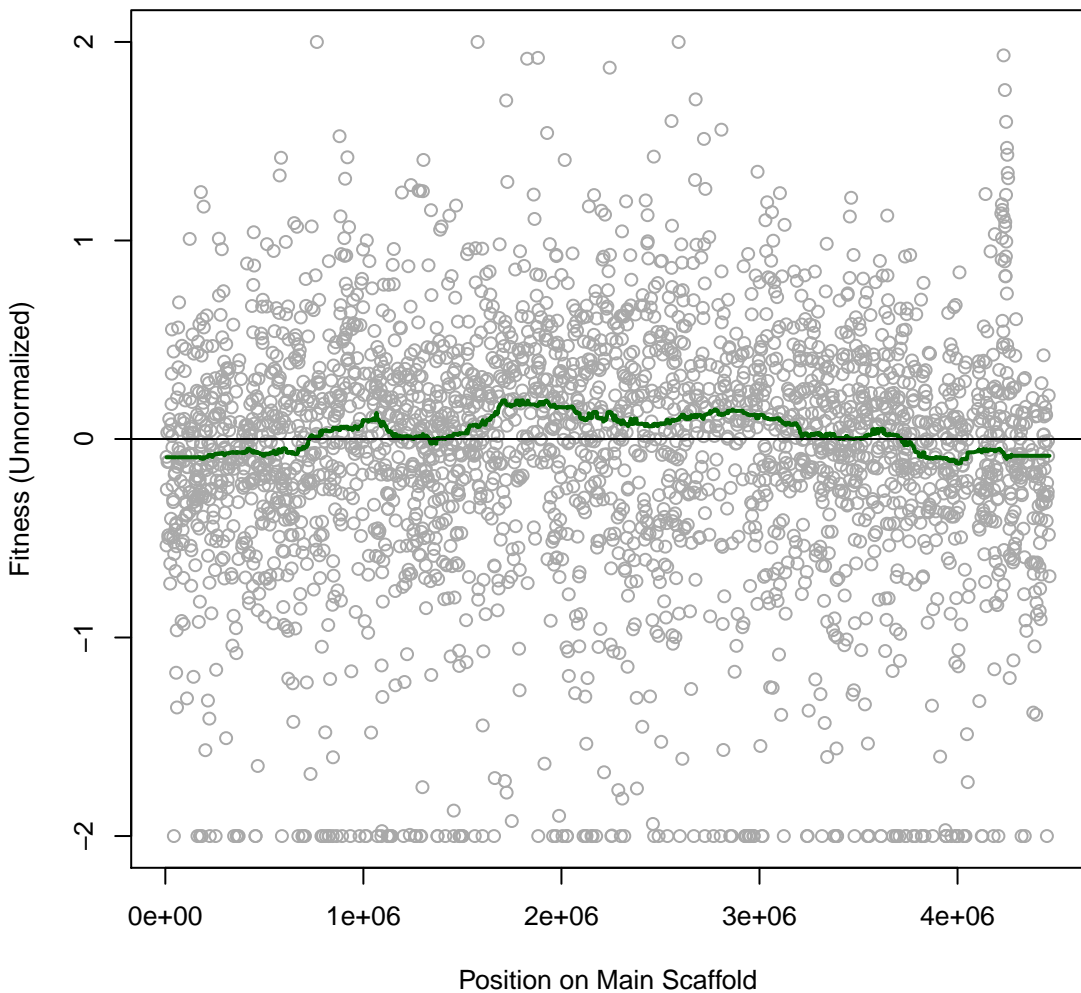
Xylitol (C)



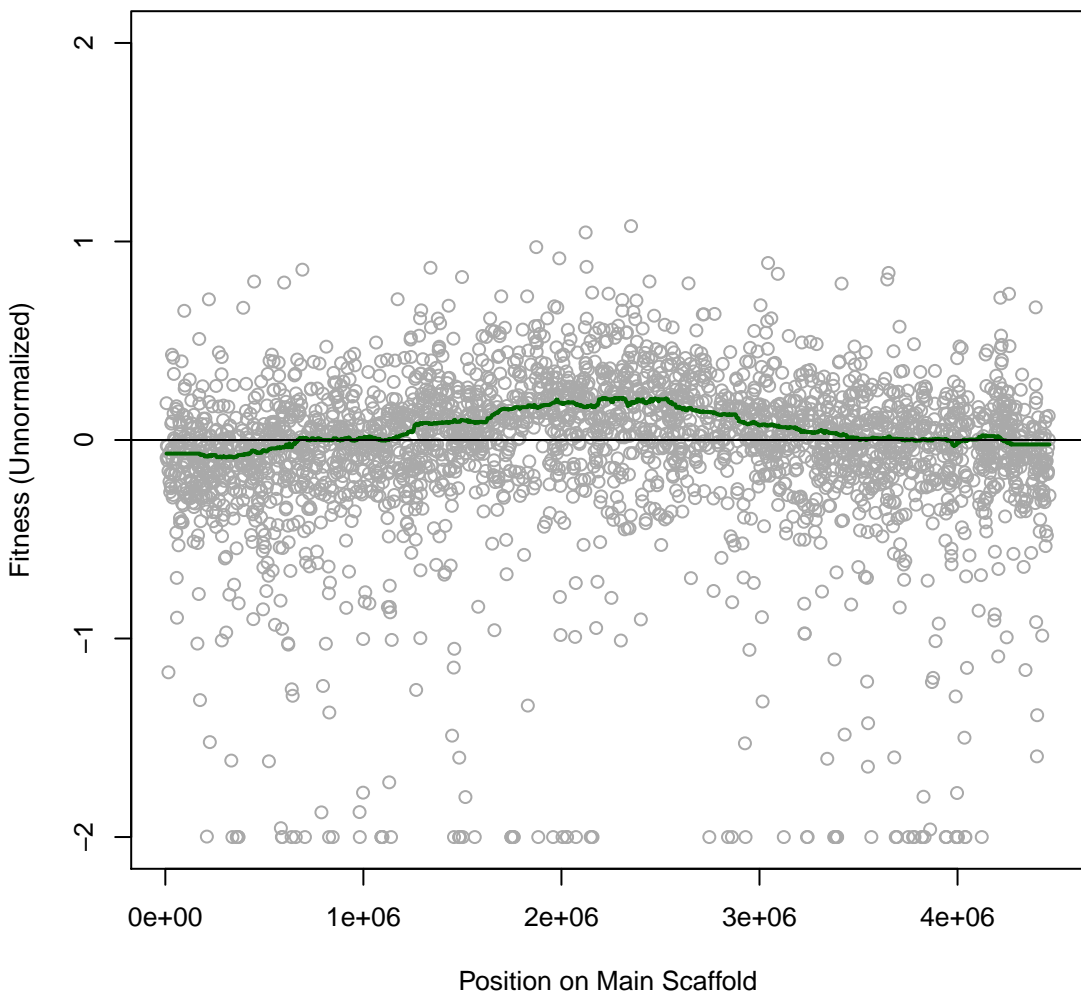
BFirm 2IT074 #74 (gMed=176 rho12=0.176)
m-Inositol (C)



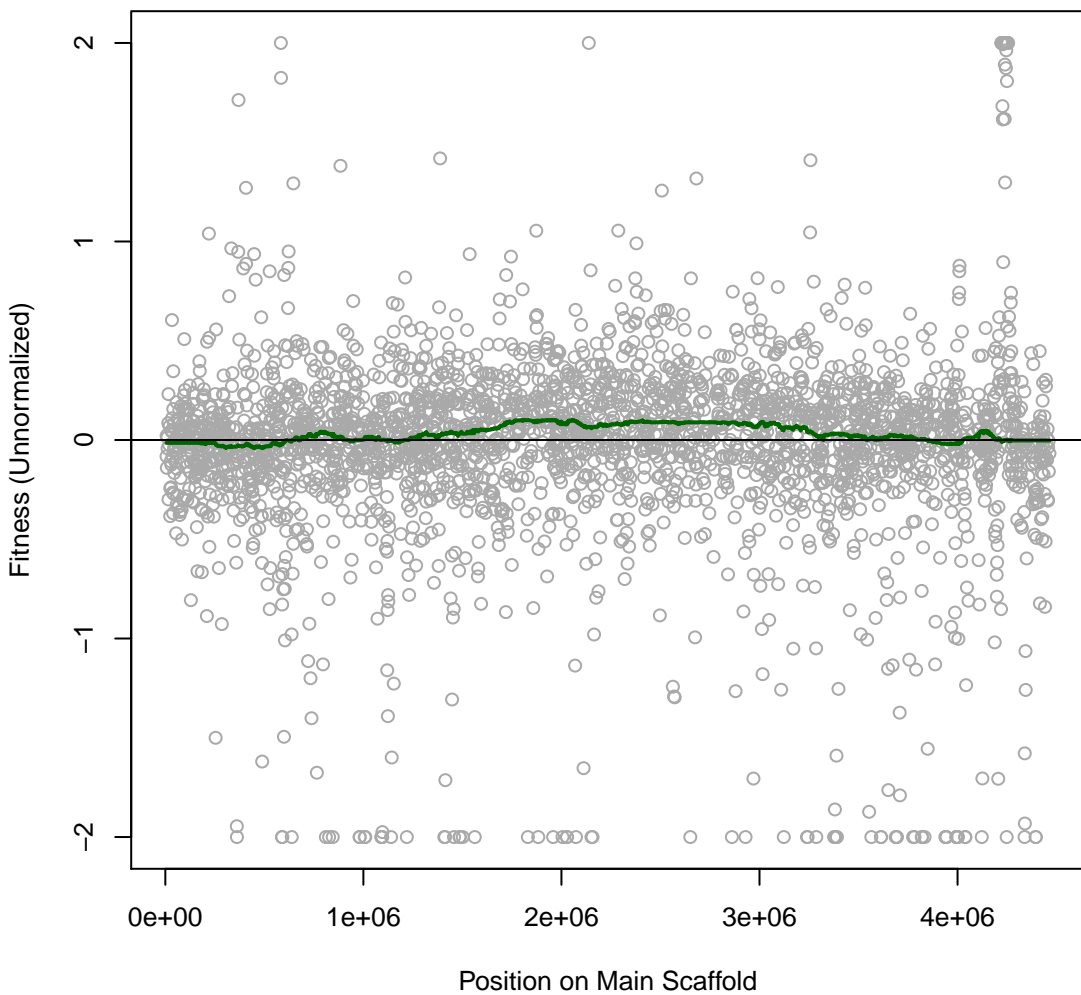
BFirm 2IT075 #75 (gMed=116 rho12=0.114)
Glycerol (C)



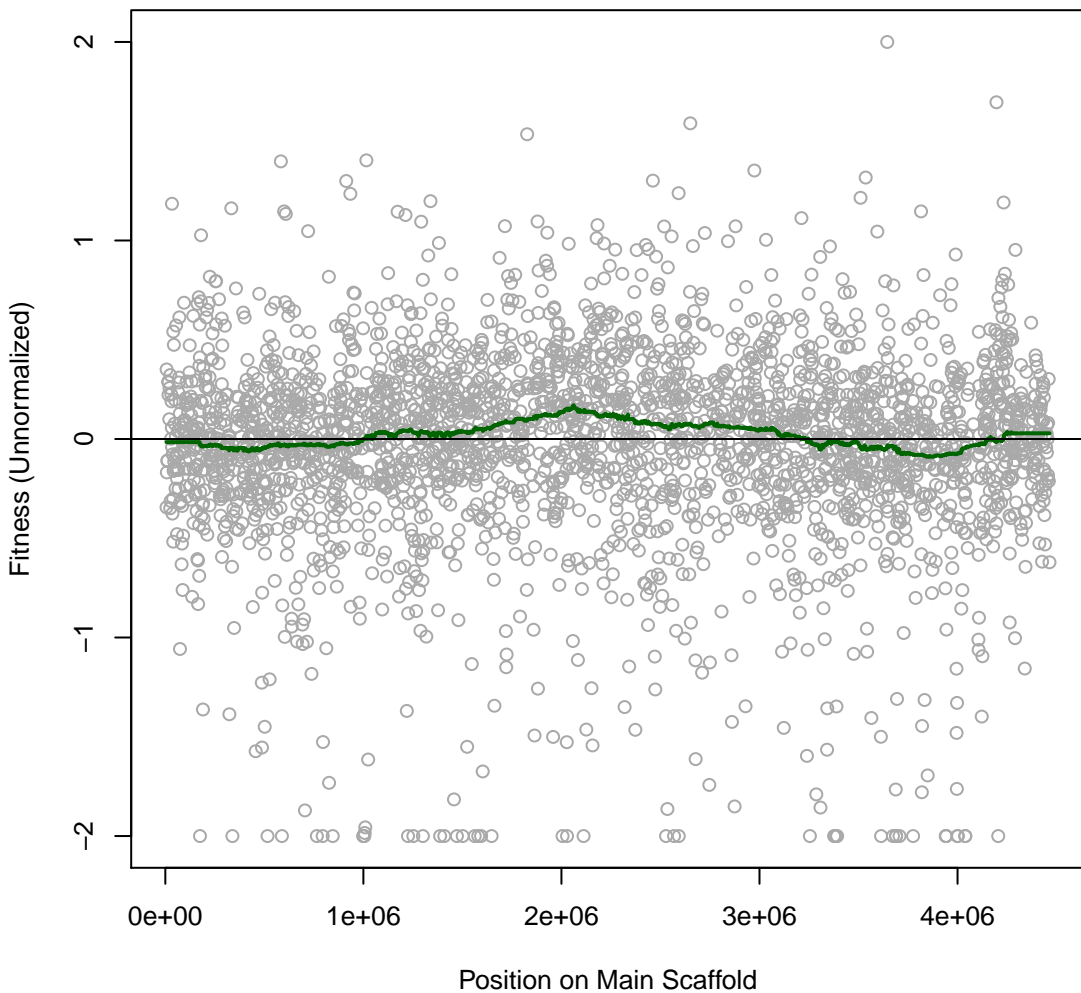
BFirm 2IT076 #76 (gMed=232 rho12=0.184)
L-Arginine (C)



BFirm 2IT077 #77 (gMed=184 rho12=0.217)
Gly-Glu (C)

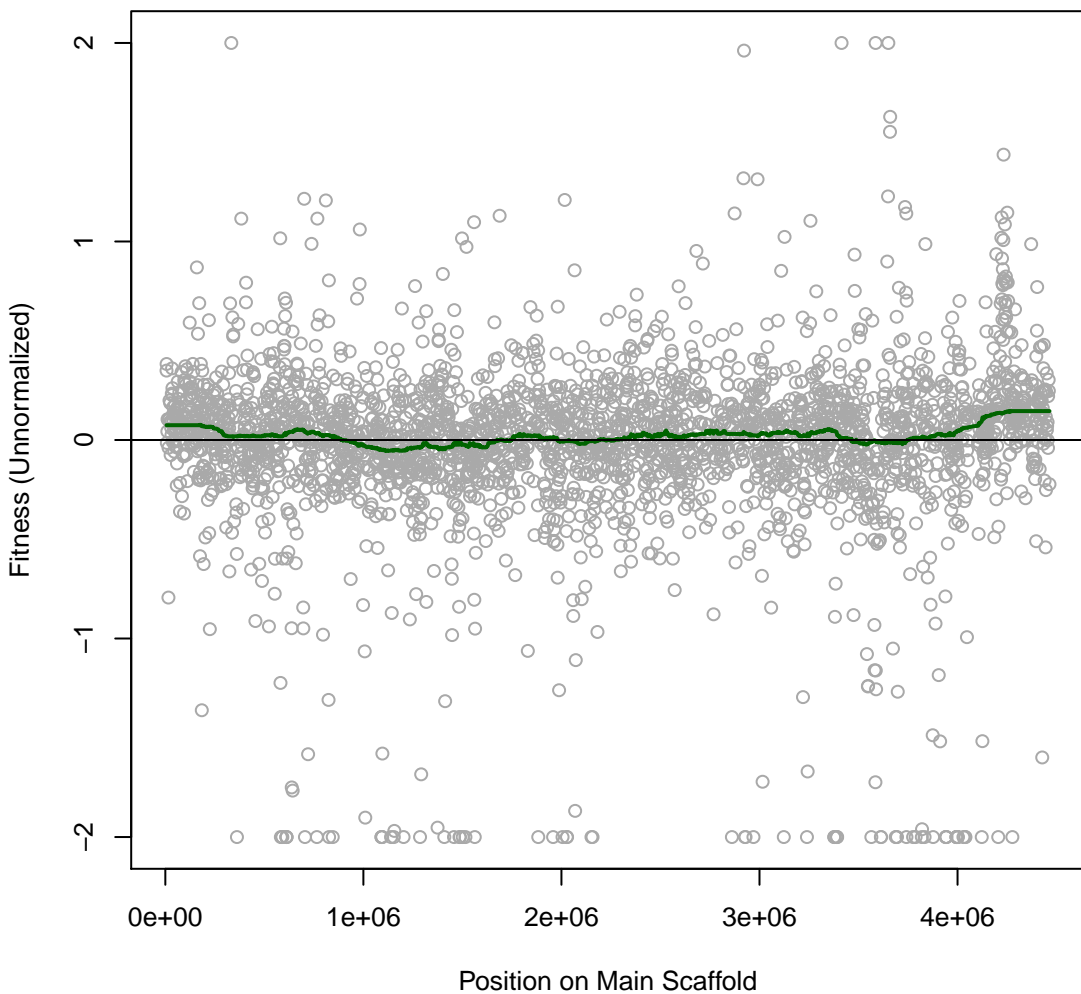


BFirm 2IT078 #78 (gMed=180 rho12=0.071)
casaminos (C)



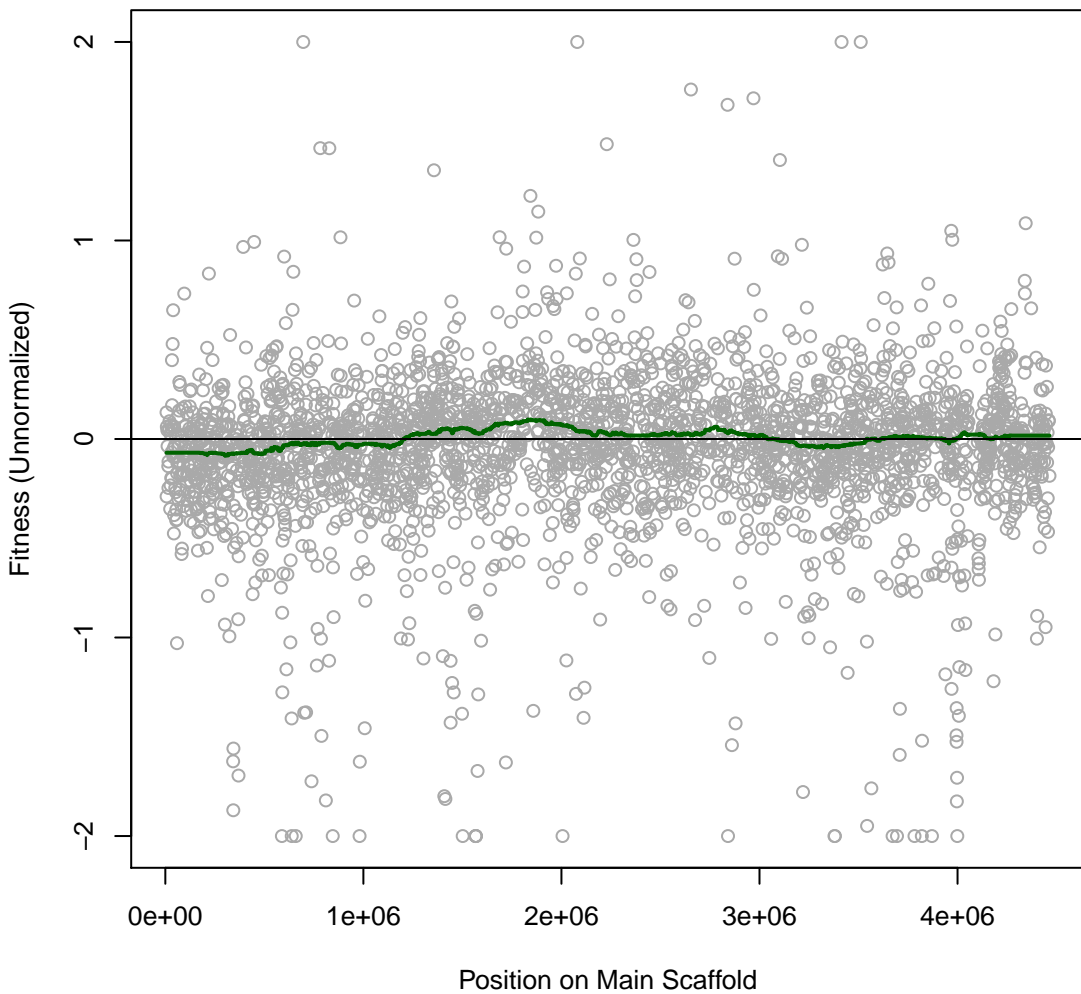
BFirm 2IT079 #79 (gMed=256 rho12=0.204)

D-Glucosamine Hydrochloride (C)



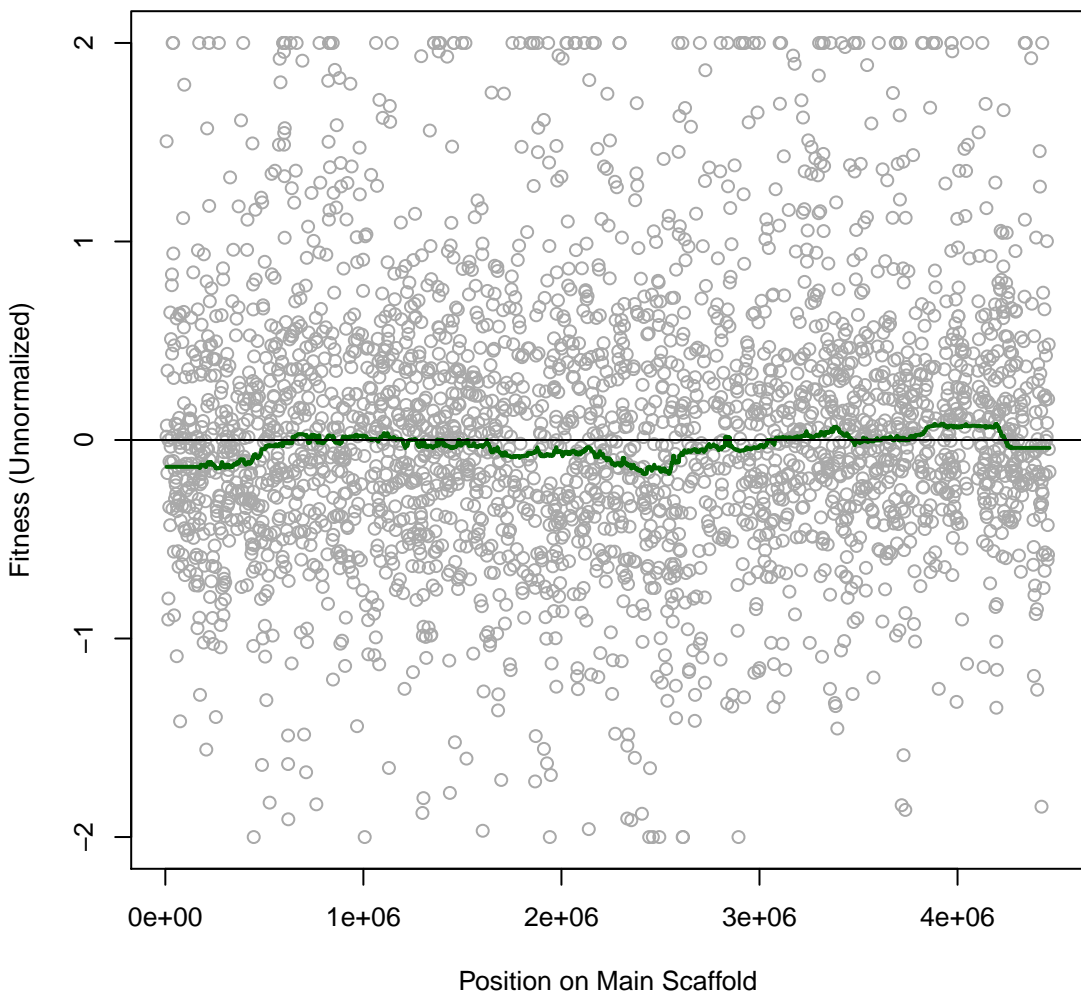
BFirm 2IT080 #80 (gMed=227 rho12=0.206)

Nickel (II) chloride 1 mM

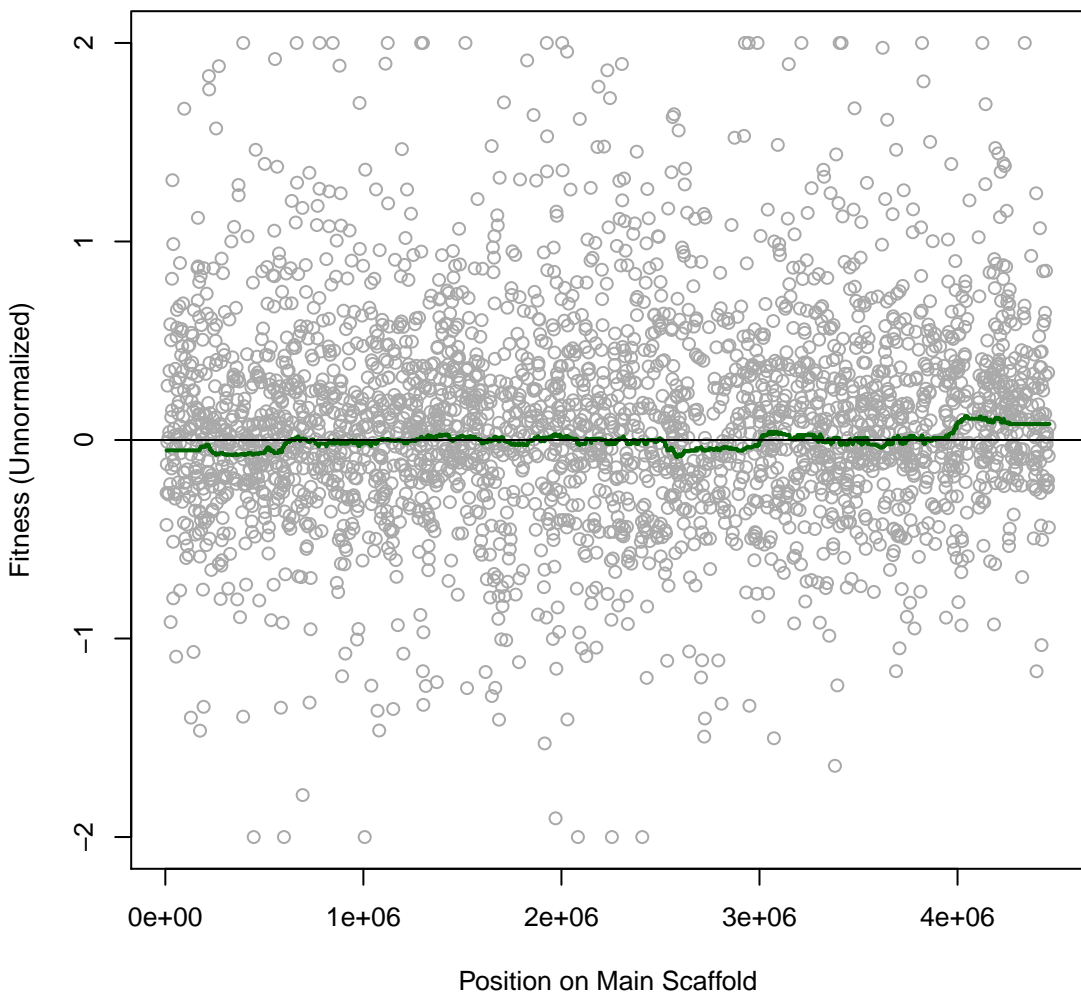


BFirm 2IT081 #81 (gMed=11 rho12=0.082)

Cobalt chloride 0.5 mM

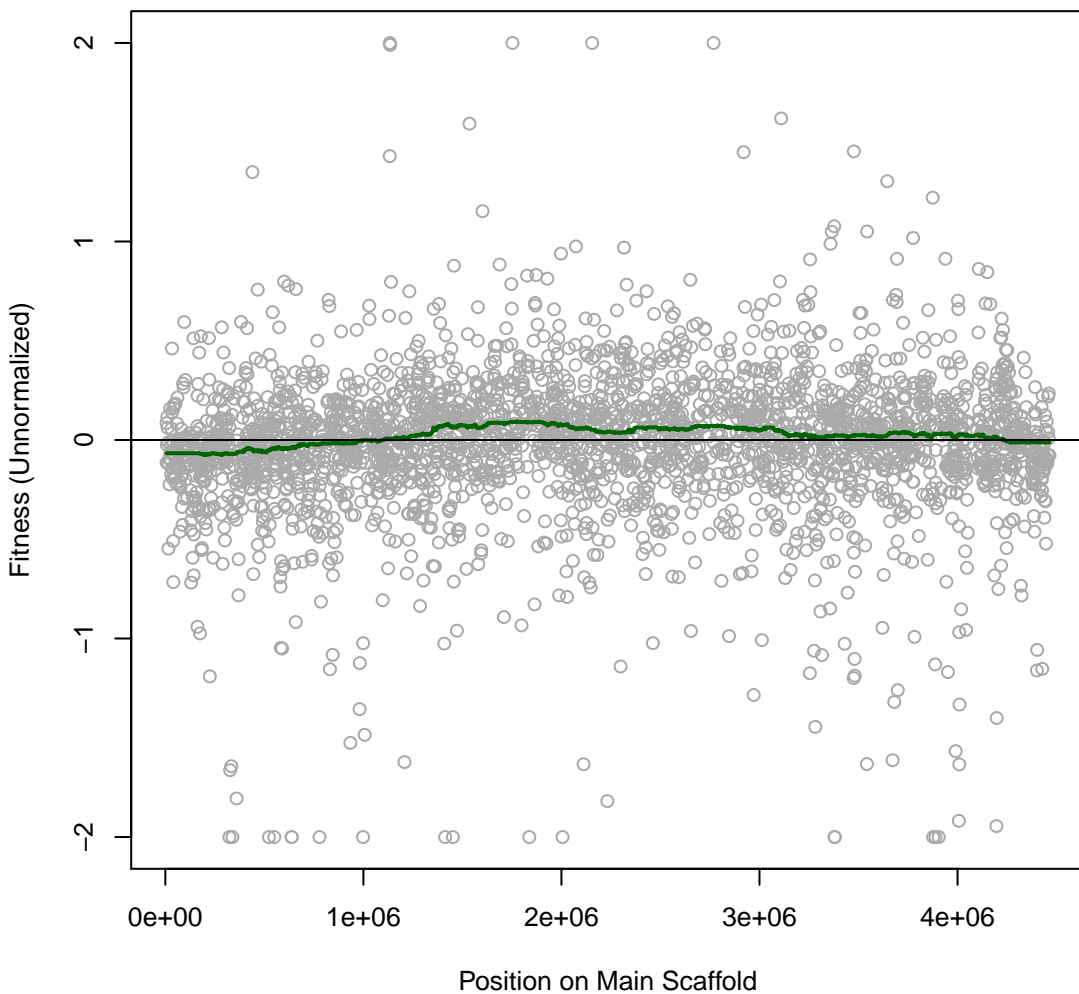


BFirm 2IT082 #82 (gMed=16 rho12=0.031)
Chlorite 2 mM

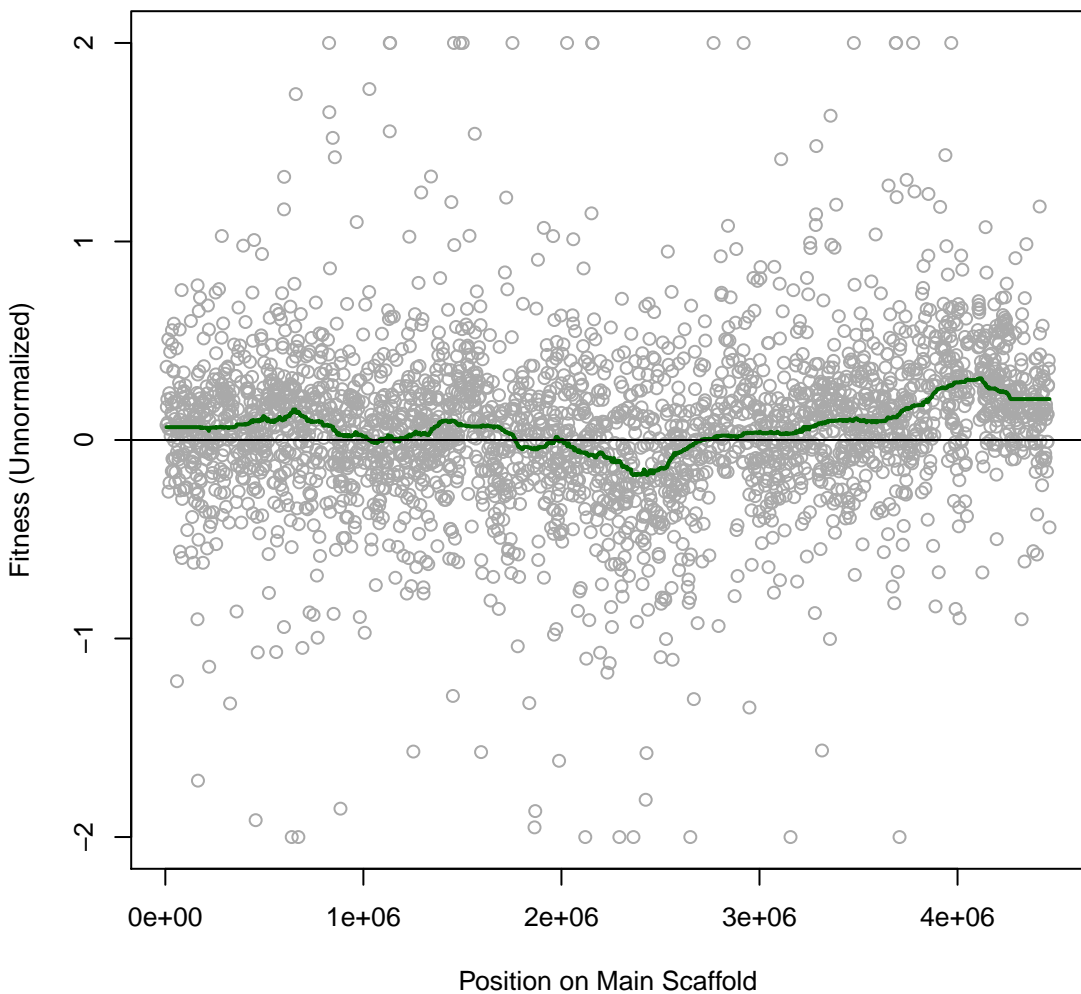


BFirm 2IT083 #83 (gMed=185 rho12=0.166)

A22 0.005 mg/ml

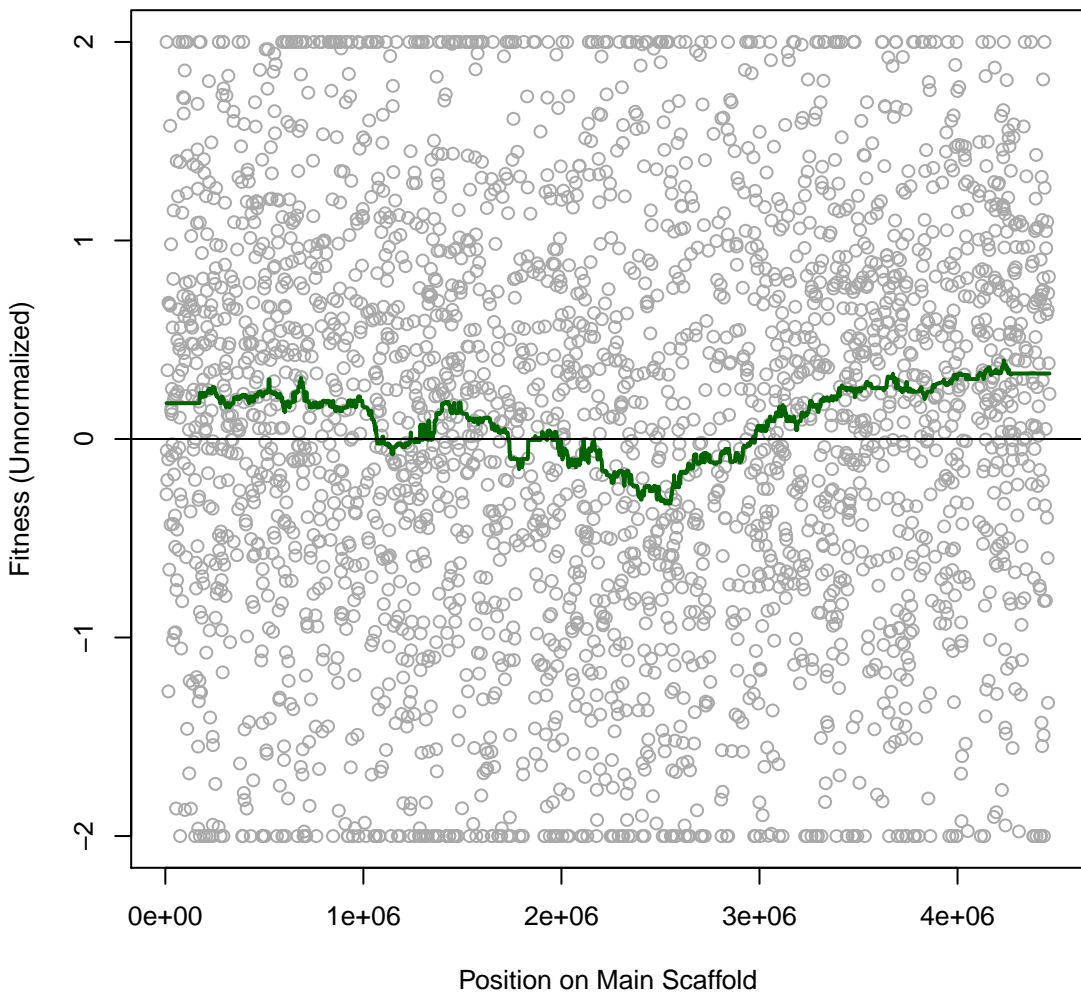


BFirm 2IT084 #84 (gMed=135 rho12=0.083)
A22 0.01 mg/ml

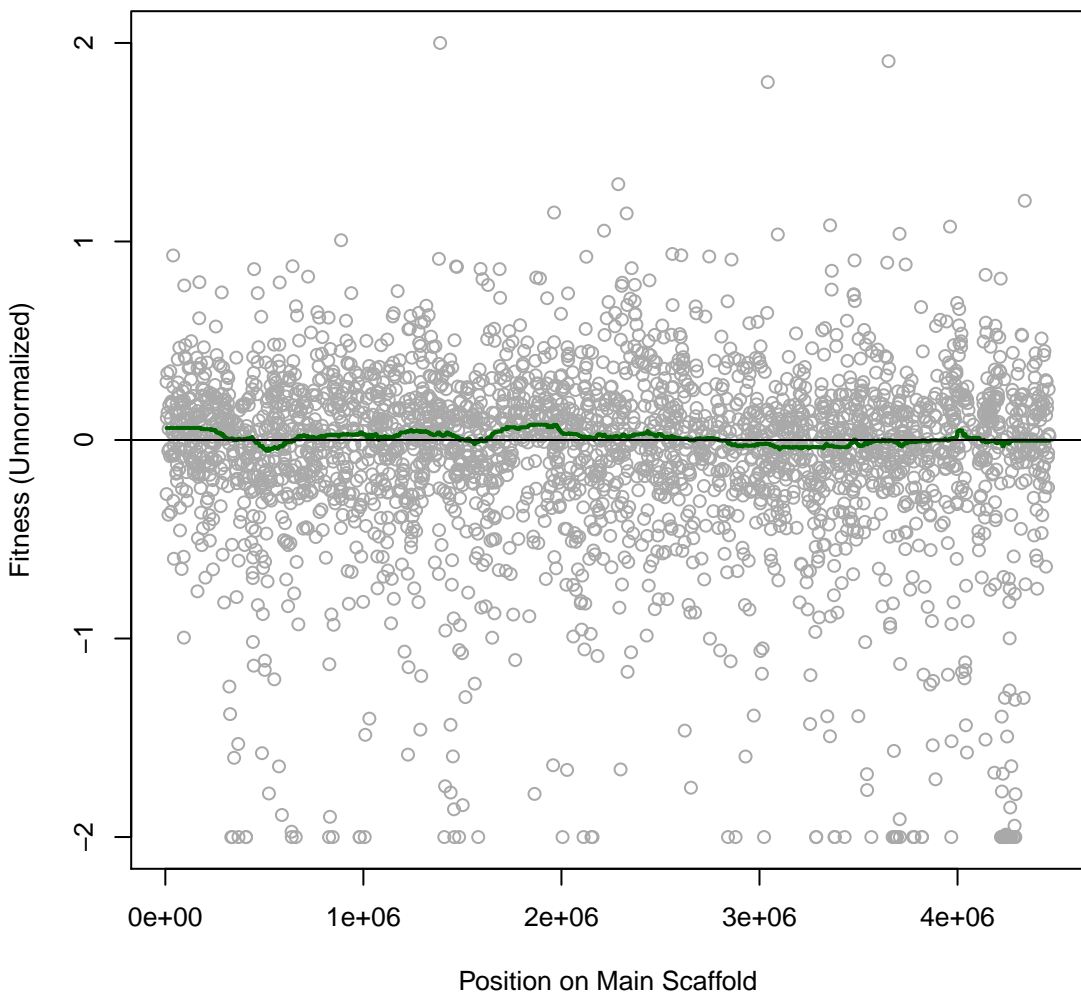


BFirm 2IT085 #85 (gMed=1 rho12=0.039)

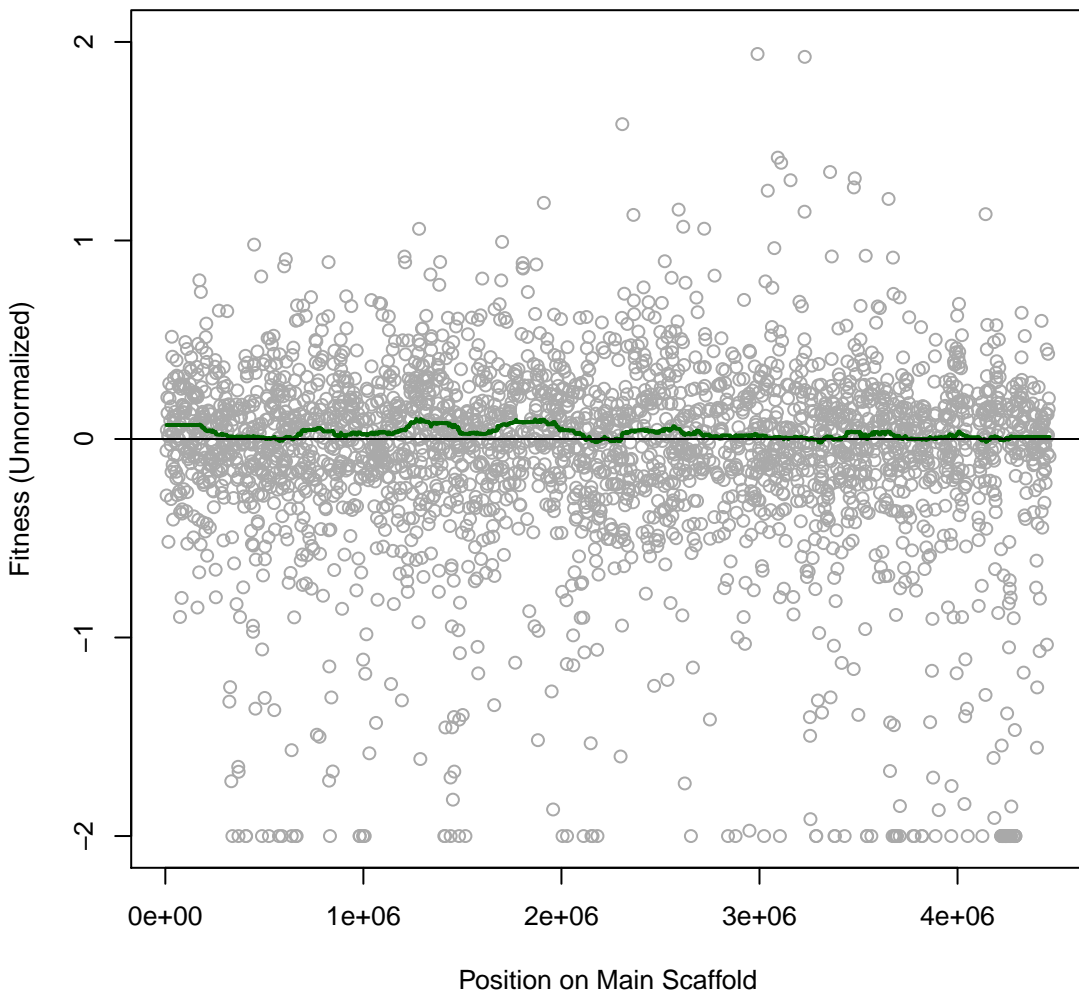
D-Cycloserine 0.1 mg/ml



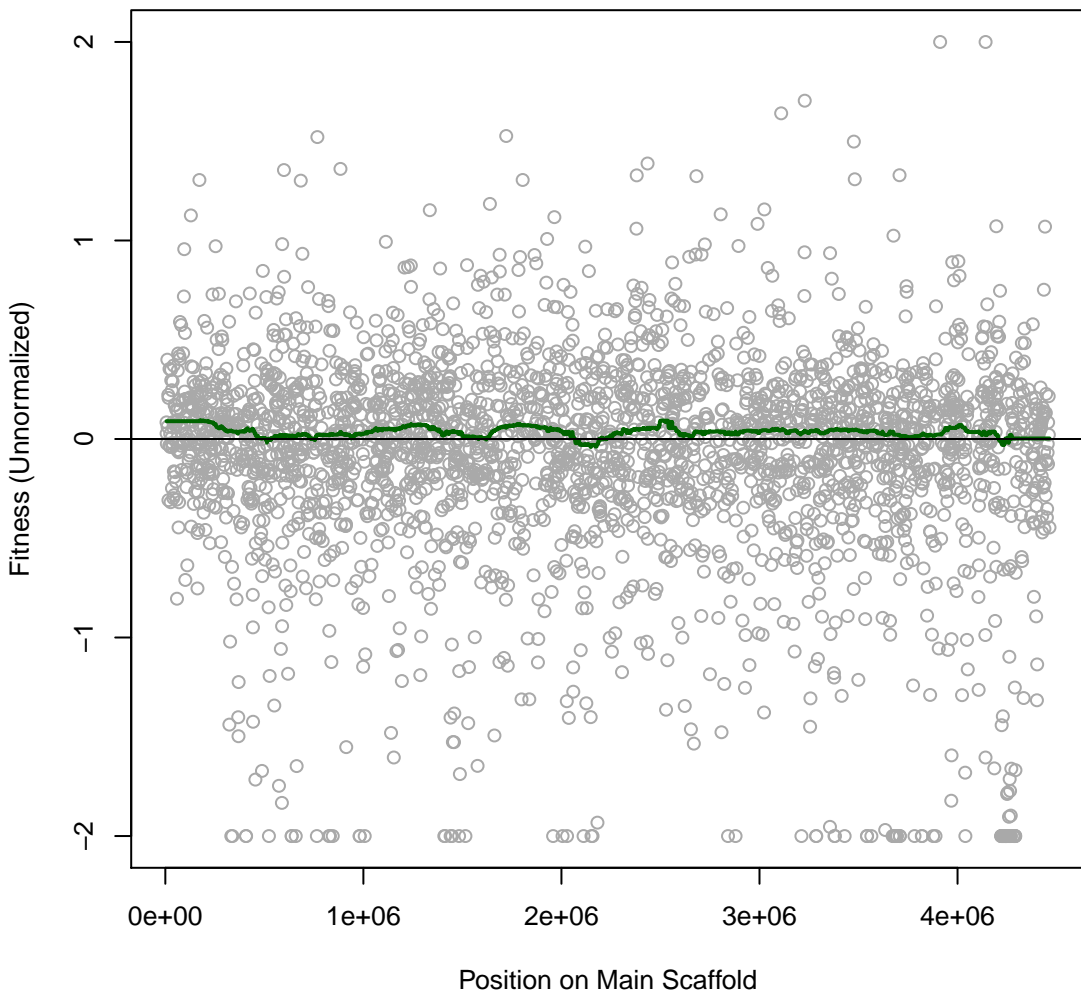
BFirm 2IT086 #86 (gMed=219 rho12=0.209)
inner cut, LB soft agar motility assay



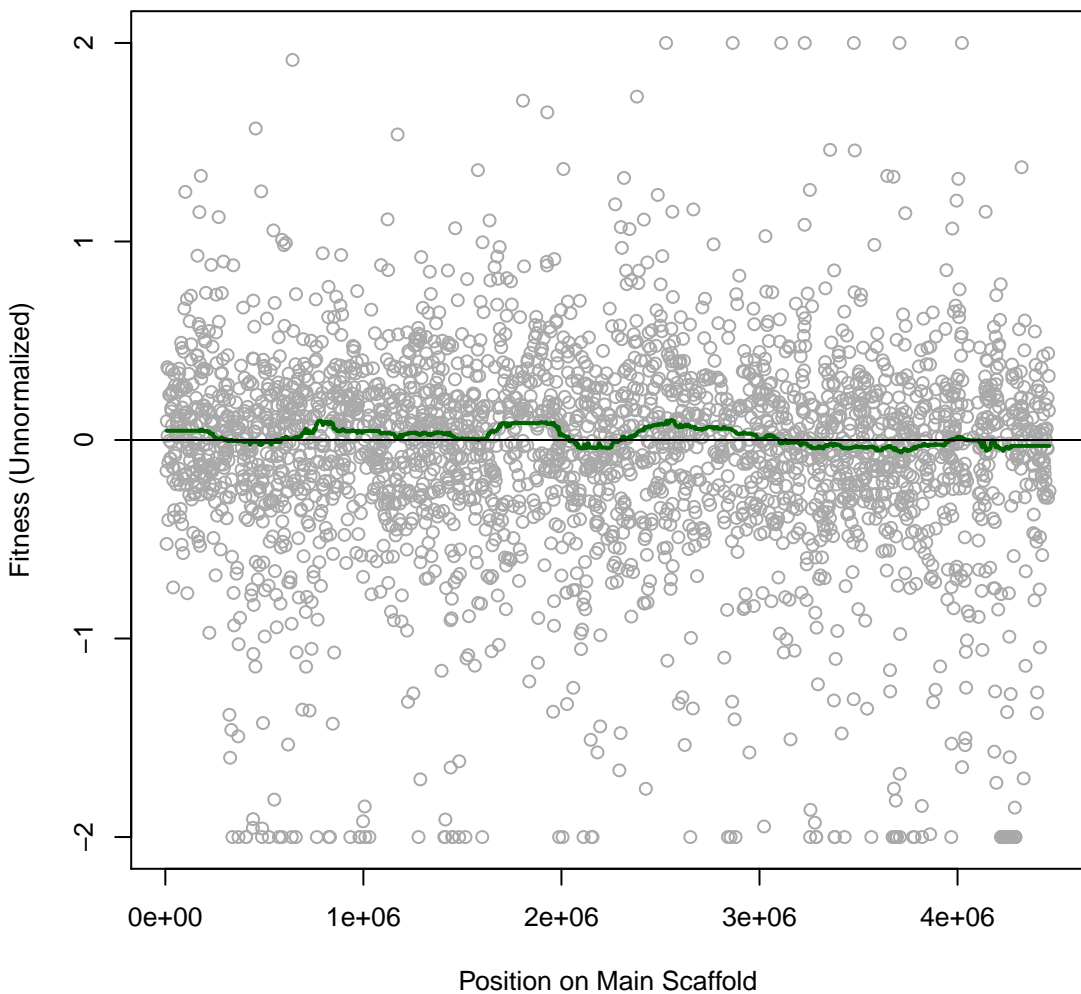
BFirm 2IT087 #87 (gMed=253 rho12=0.201)
inner cut, LB soft agar motility assay



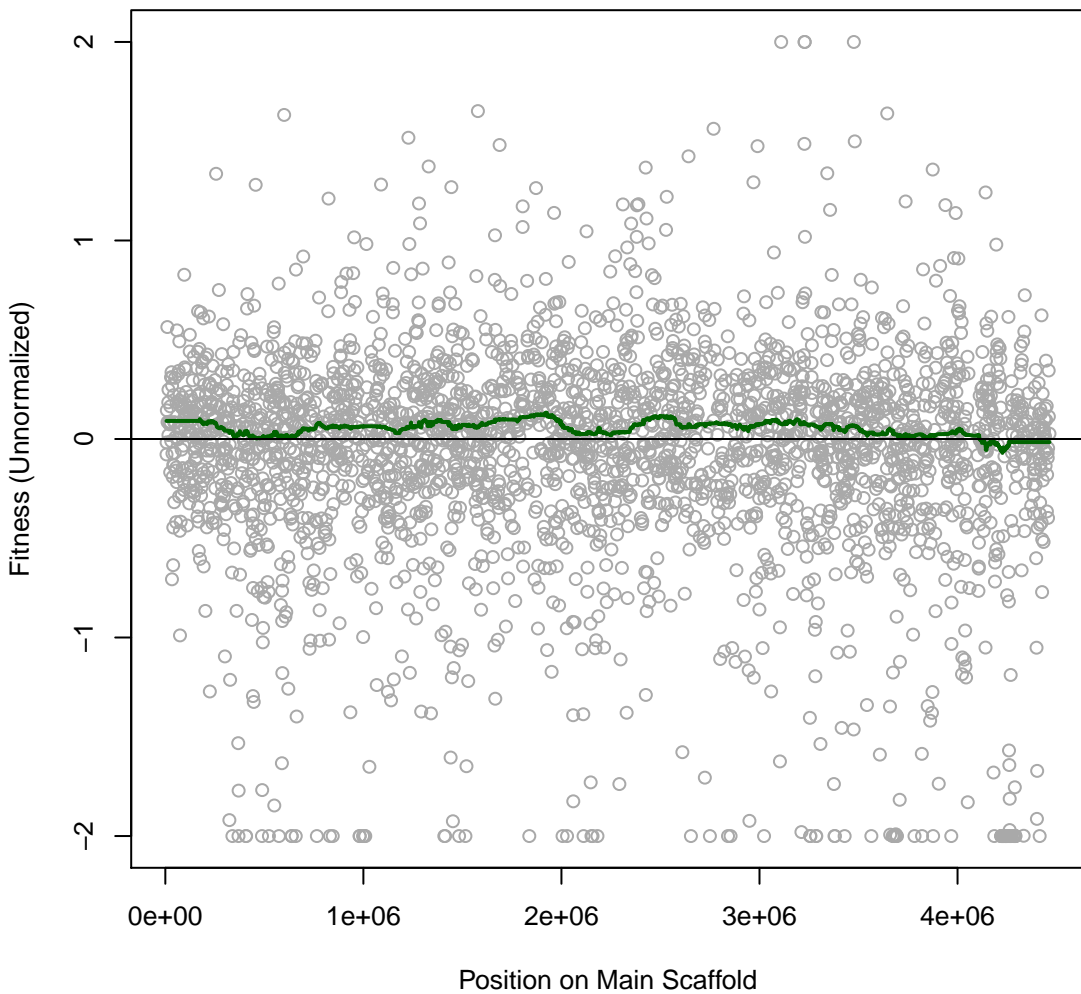
BFirm 2IT088 #88 (gMed=161 rho12=0.184)
inner cut, LB soft agar motility assay



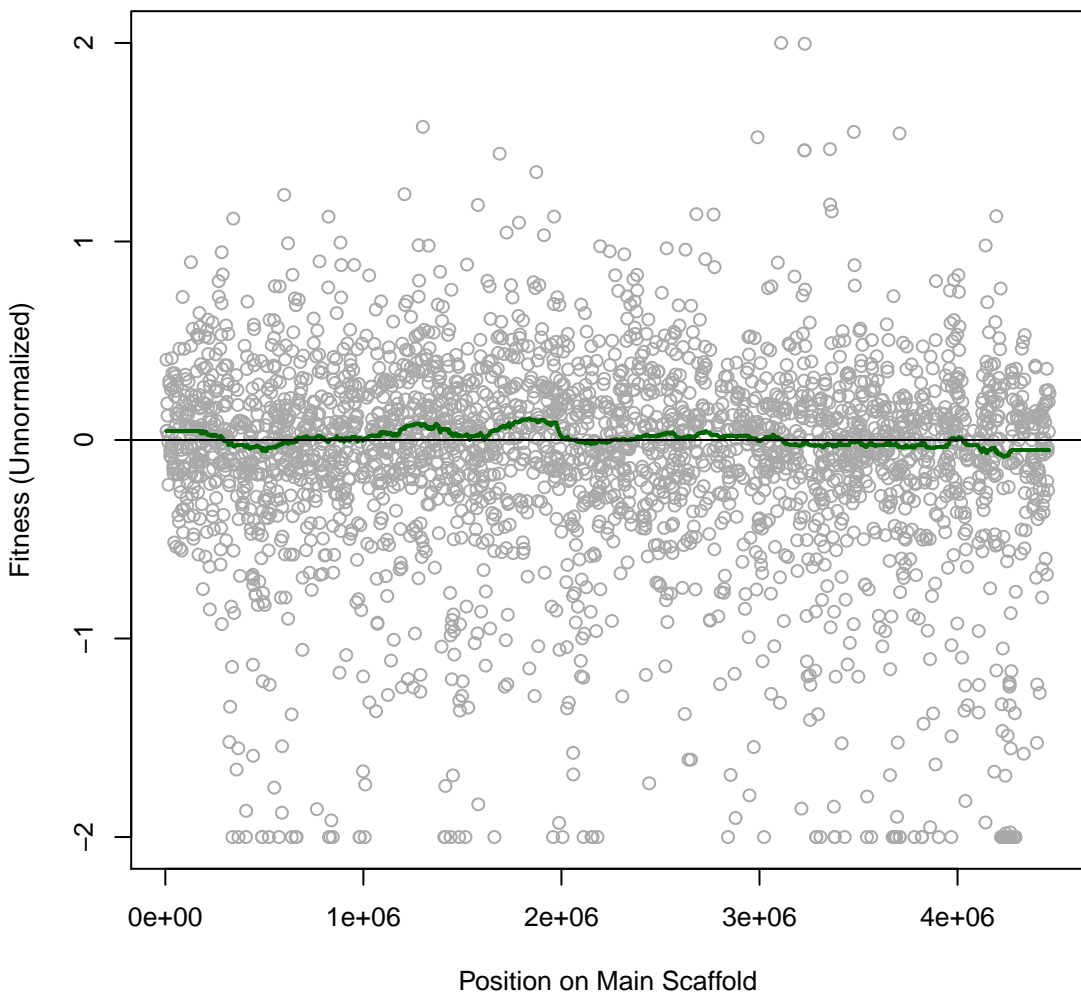
BFirm 2IT089 #89 (gMed=162 rho12=0.208)
outer cut, LB soft agar motility assay



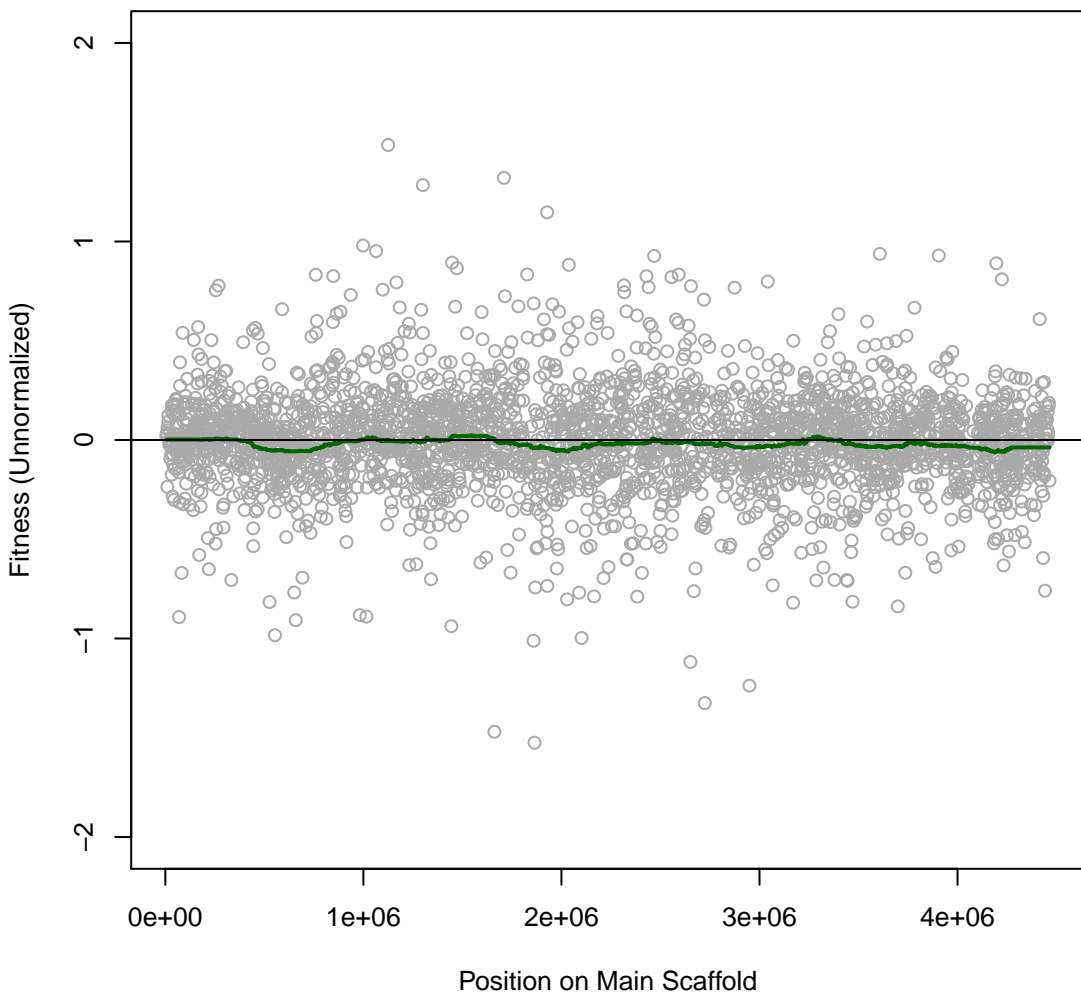
BFirm 2IT090 #90 (gMed=170 rho12=0.206)
outer cut, LB soft agar motility assay



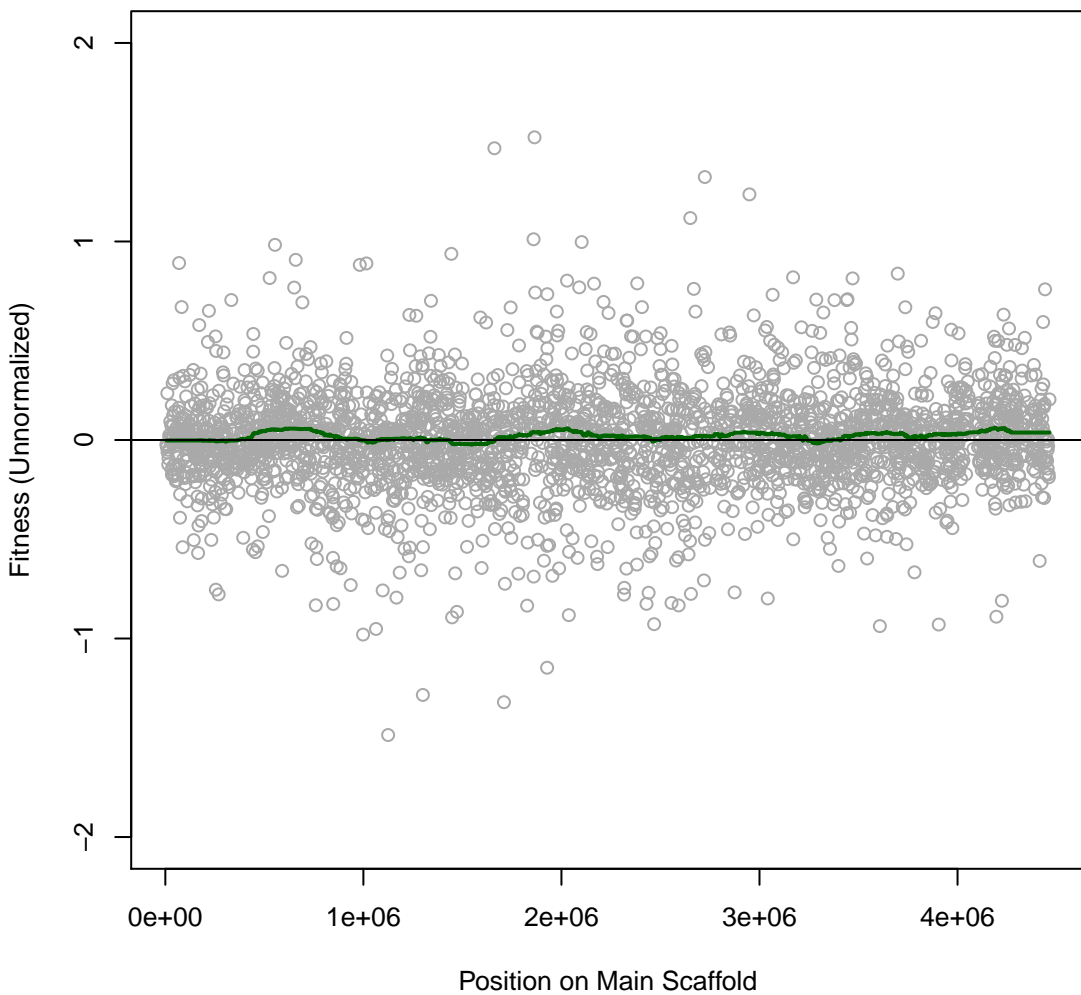
BFirm 2IT091 #91 (gMed=225 rho12=0.200)
outer cut, LB soft agar motility assay



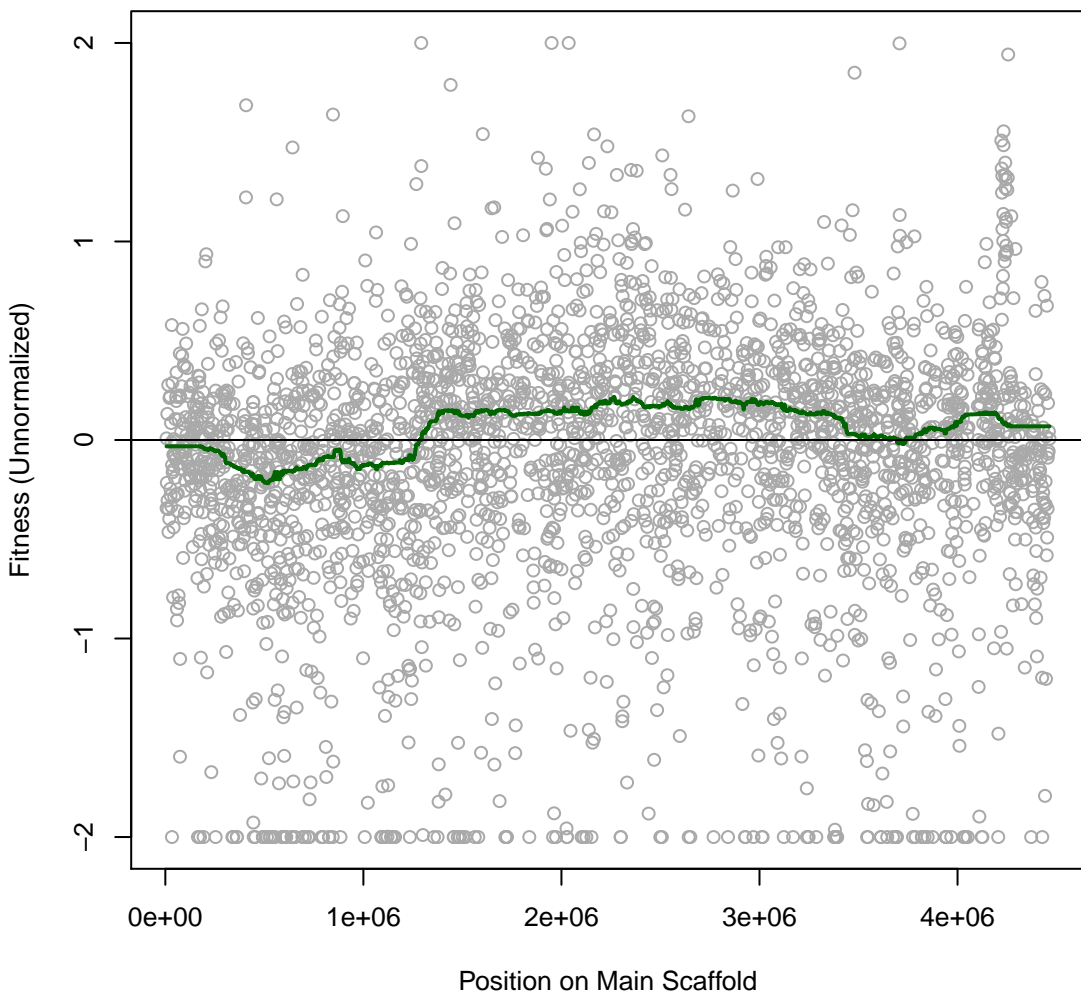
BFirm 2IT092 #92 (gMed=206 rho12=-0.002)
Time0



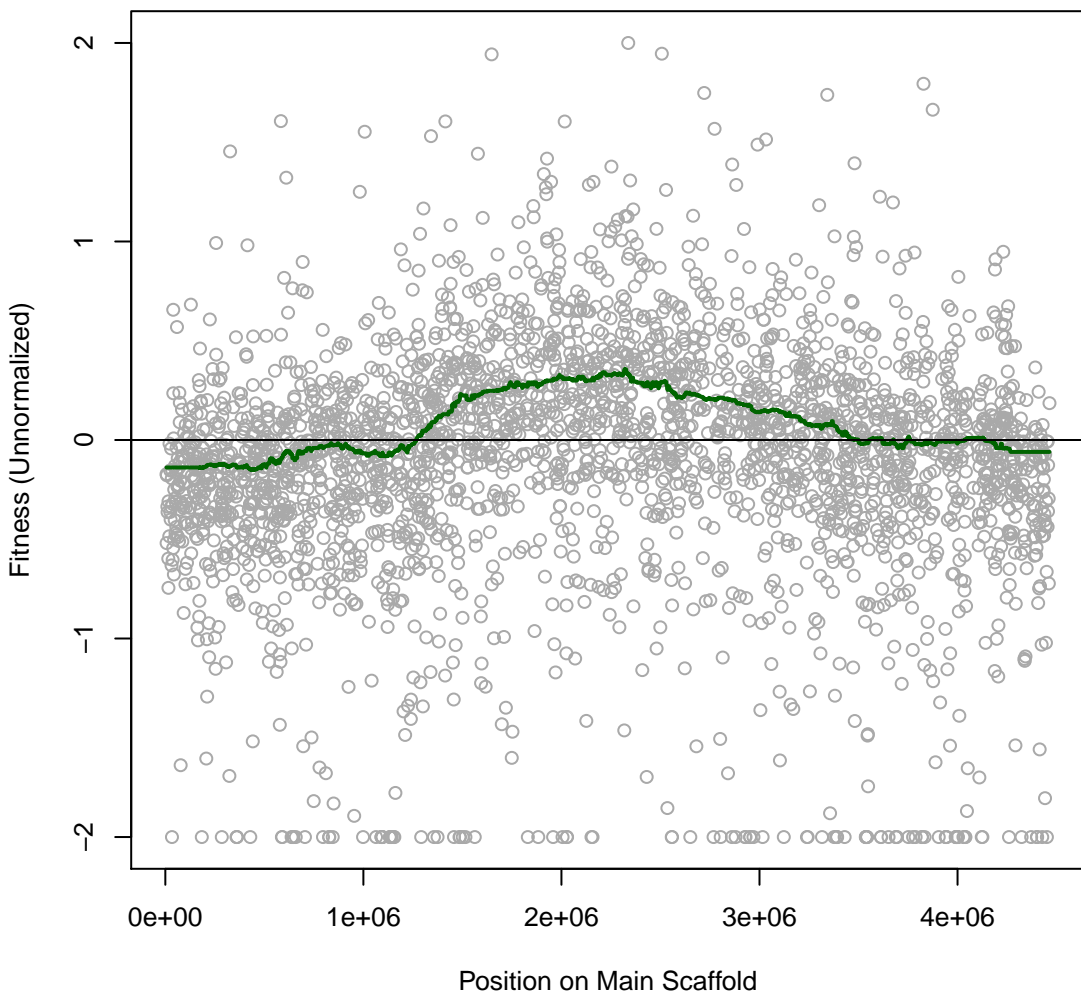
BFirm 2IT093 #93 (gMed=217 rho12=-0.002)
Time0



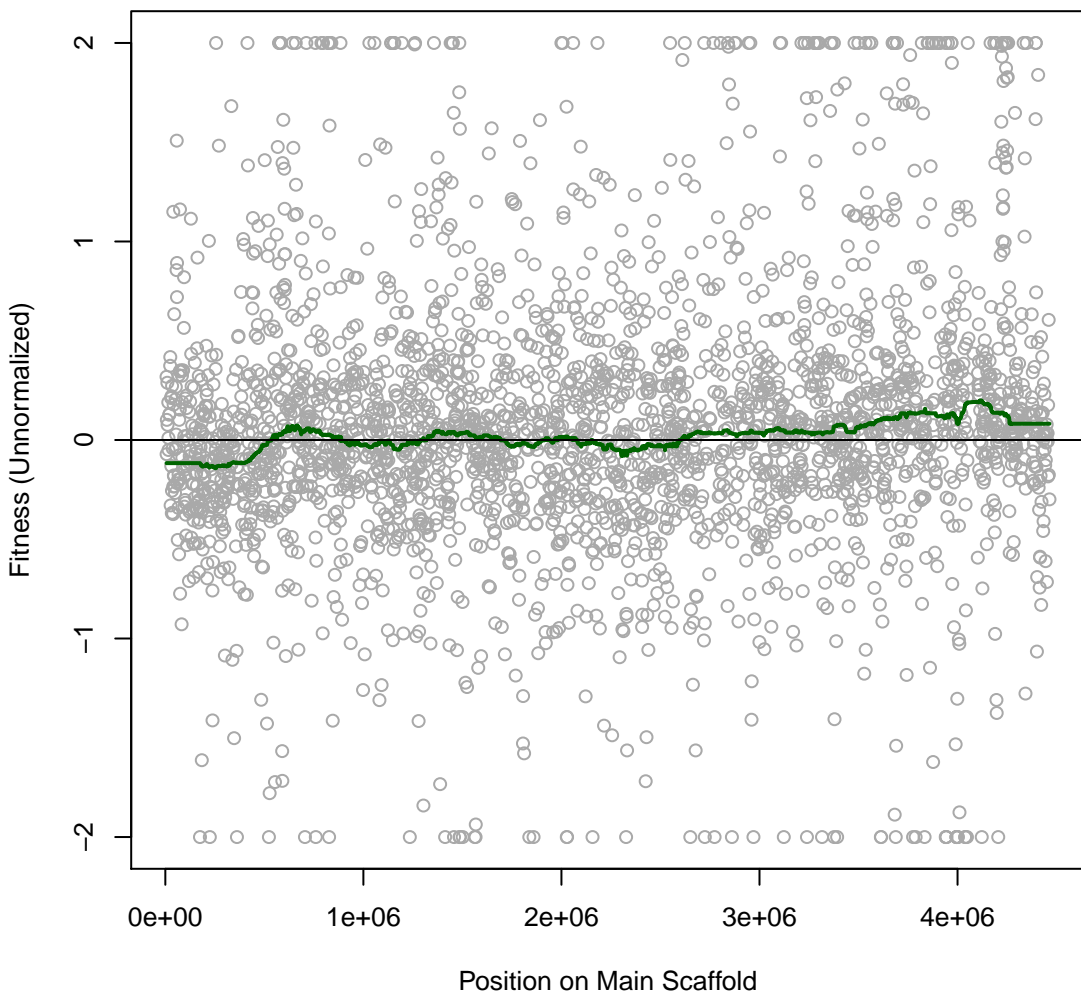
BFirm 3IT055 #97 (gMed=138 rho12=0.157)
L-Histidine (N)



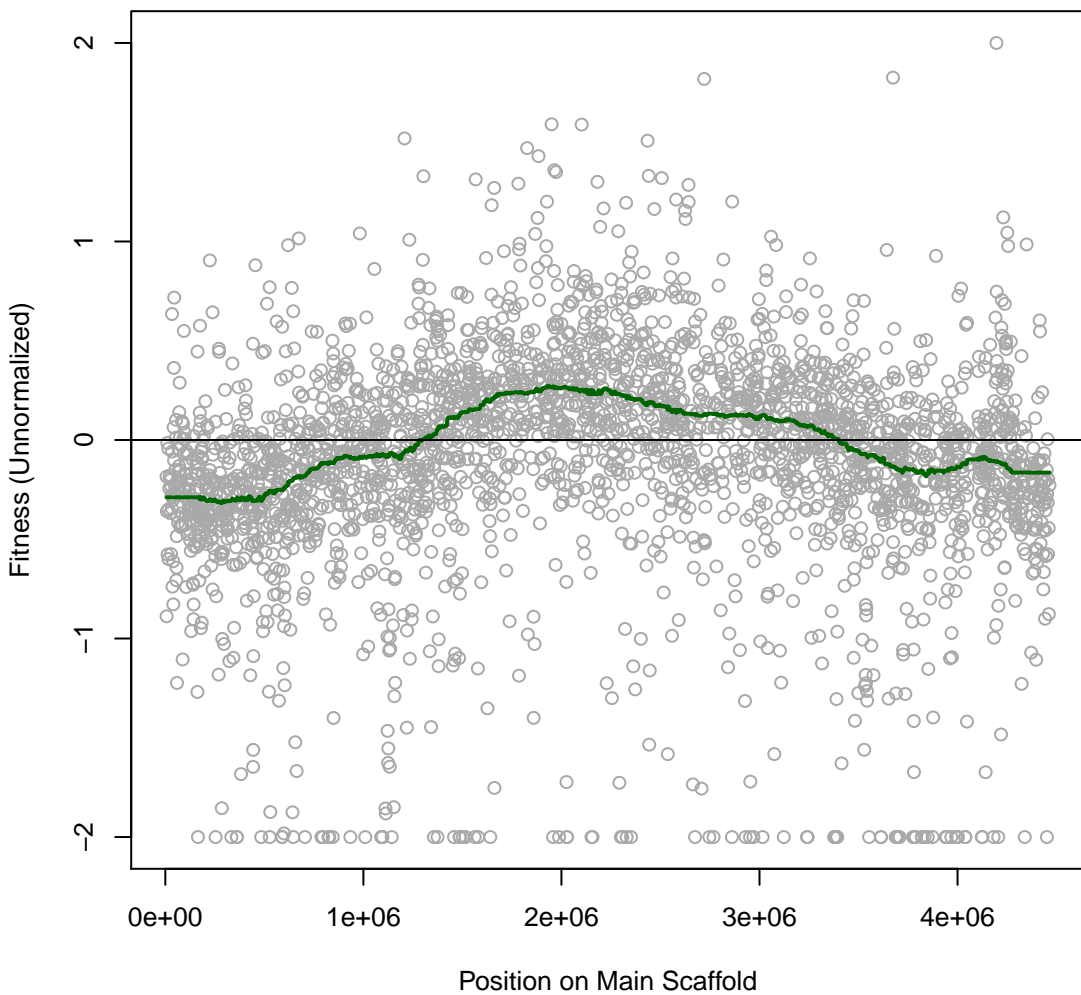
BFirm 3IT056 #98 (gMed=166 rho12=0.138)
L-Lysine (N)



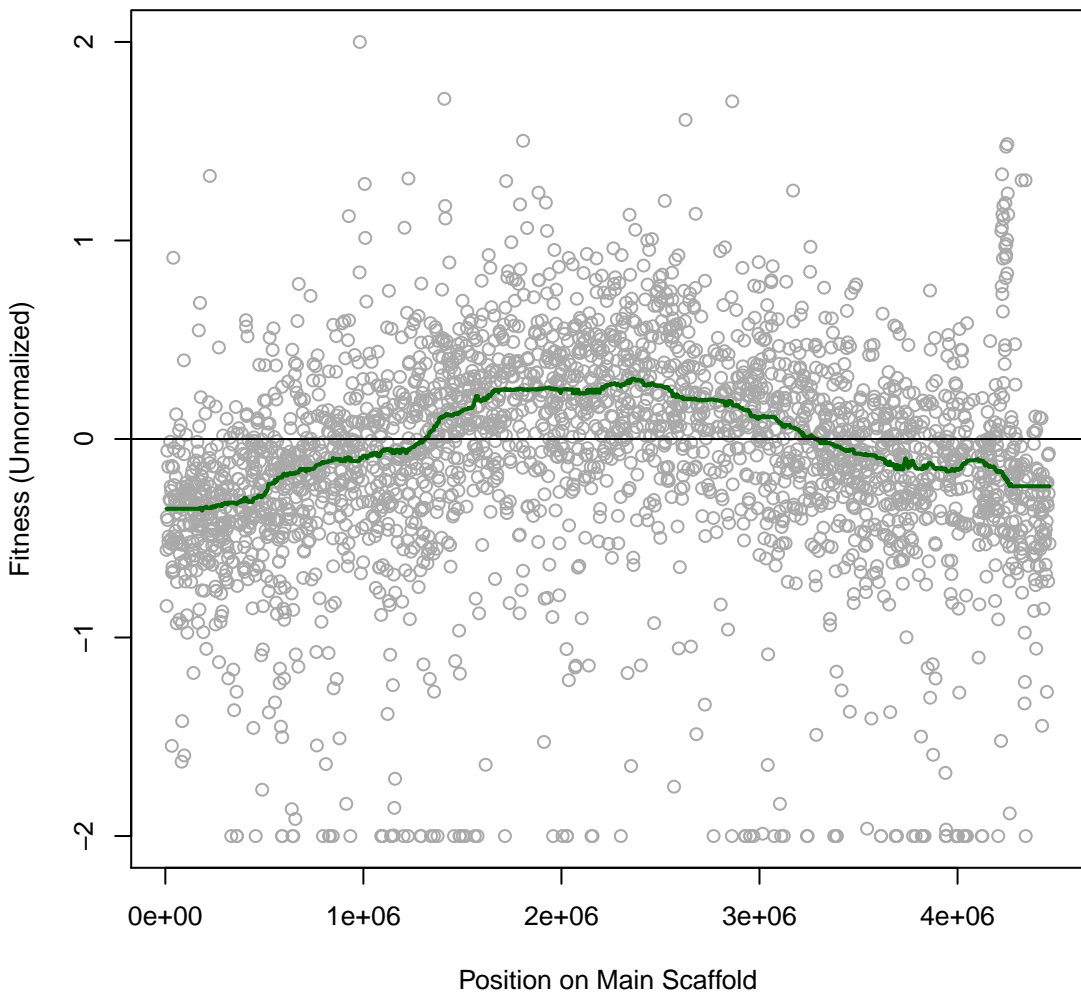
BFirm 3IT057 #99 (gMed=46 rho12=0.171)
L-Aspartic Acid (N)



BFirm 3IT058 #100 (gMed=153 rho12=0.113)
L-Glutamic (N)



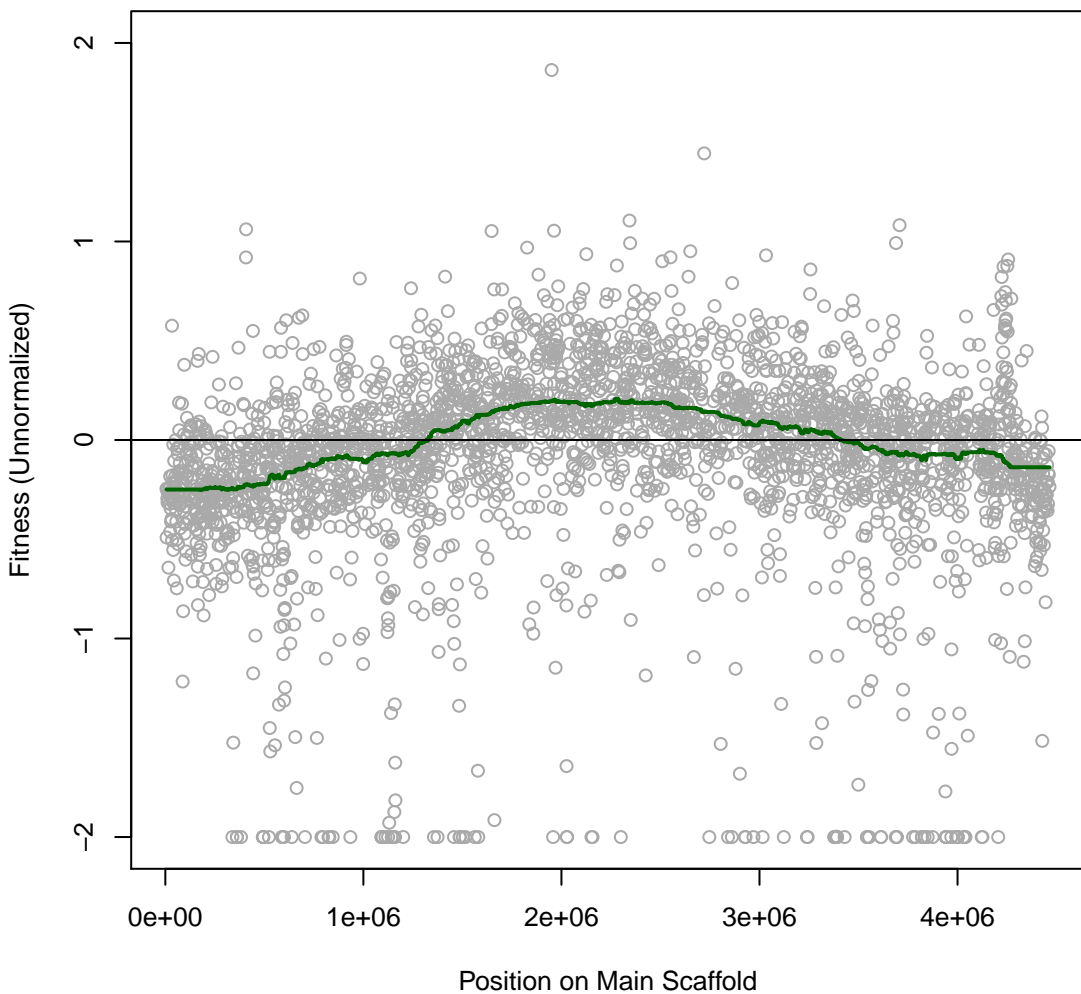
BFirm 3IT059 #101 (gMed=160 rho12=0.124)
L-Serine (N)



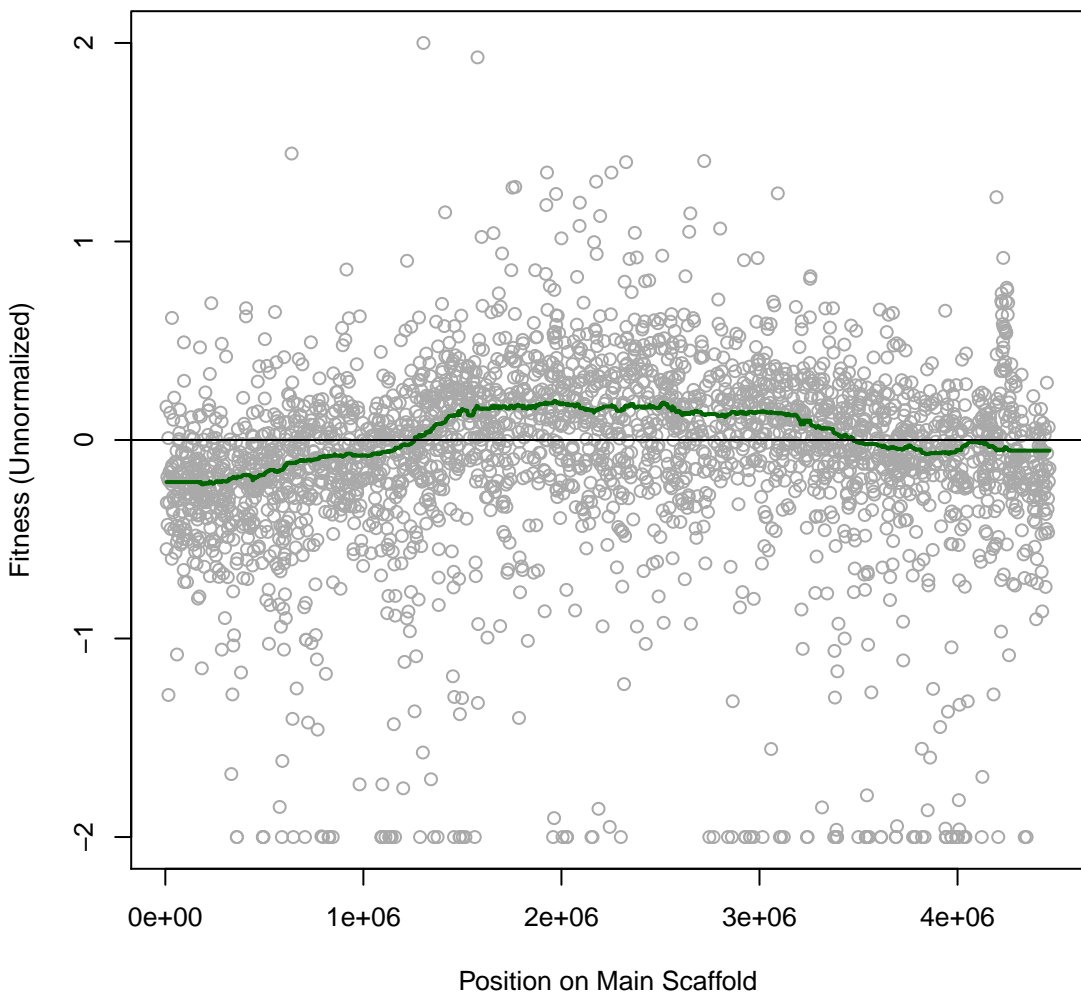
BFirm 3IT061 #103 (gMed=171 rho12=0.162)
L-Asparagine (N)



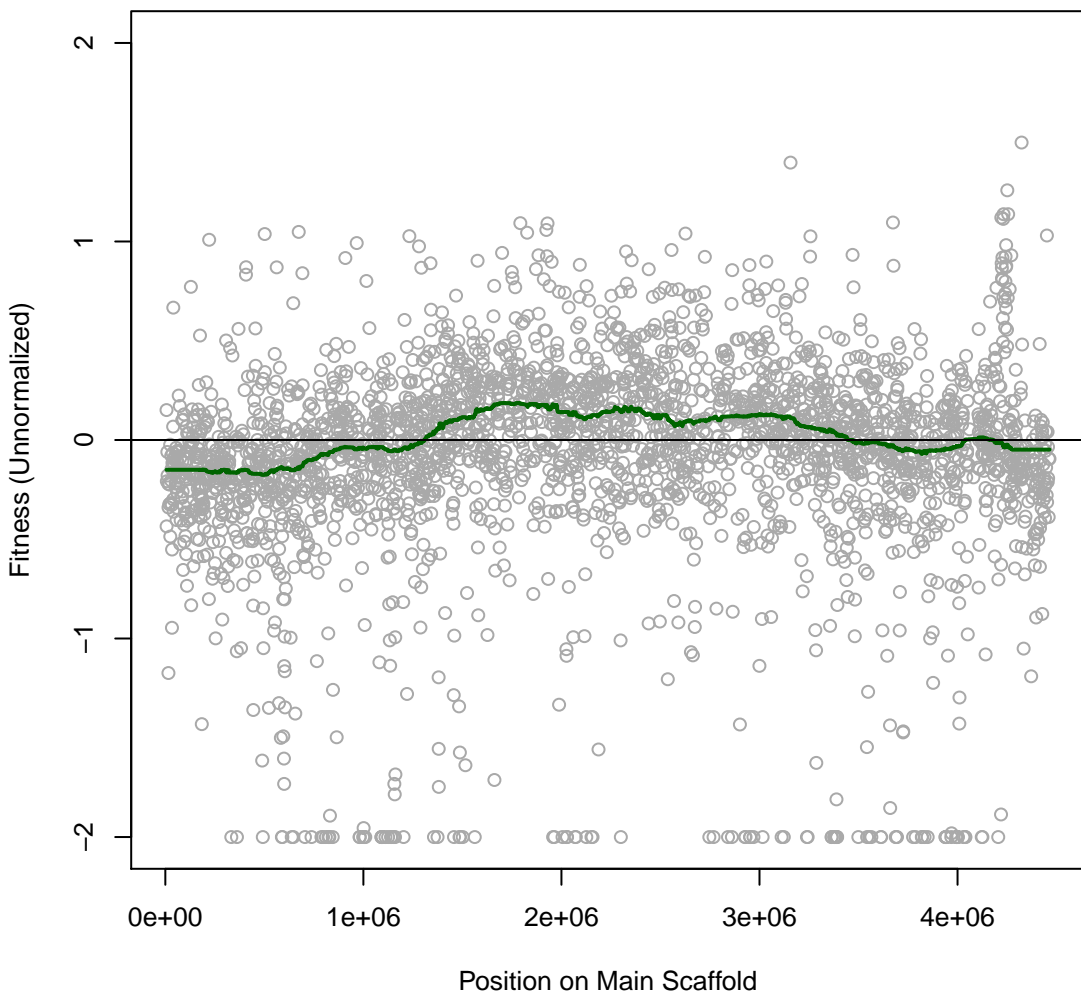
BFirm 3IT062 #104 (gMed=209 rho12=0.170)
L-Glutamine (N)



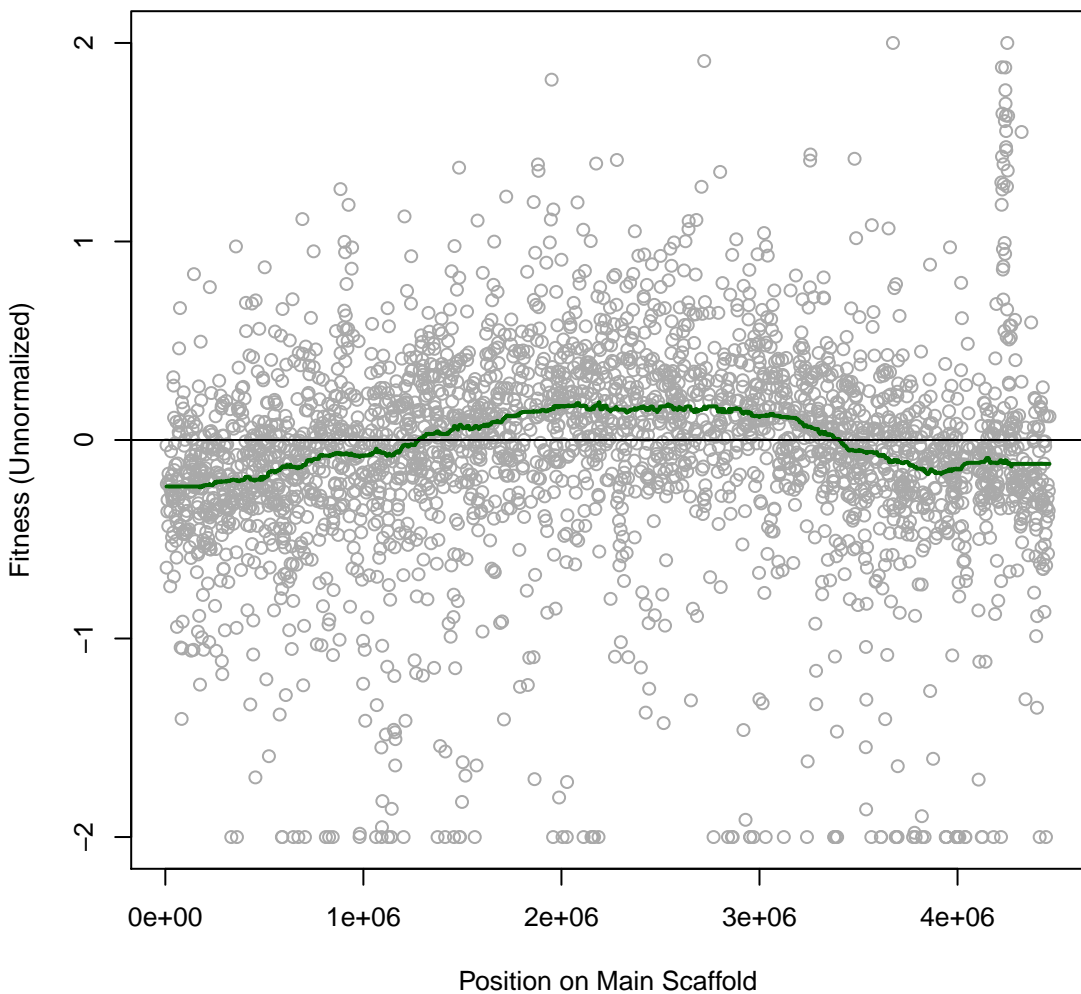
BFirm 3IT063 #105 (gMed=162 rho12=0.170)
L-Proline (N)



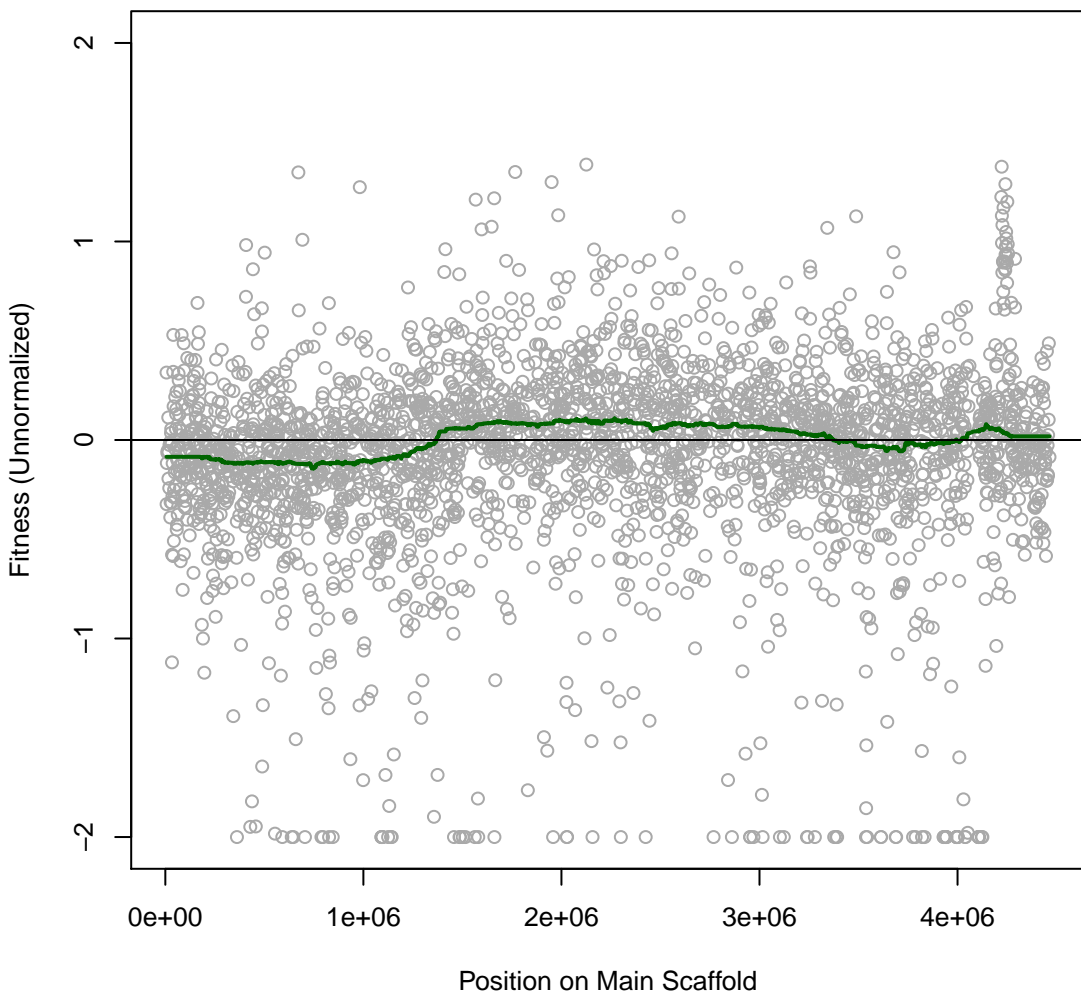
BFirm 3IT064 #106 (gMed=146 rho12=0.160)
L-Alanine (N)



BFirm 3IT065 #107 (gMed=145 rho12=0.158)
L-Isoleucine (N)

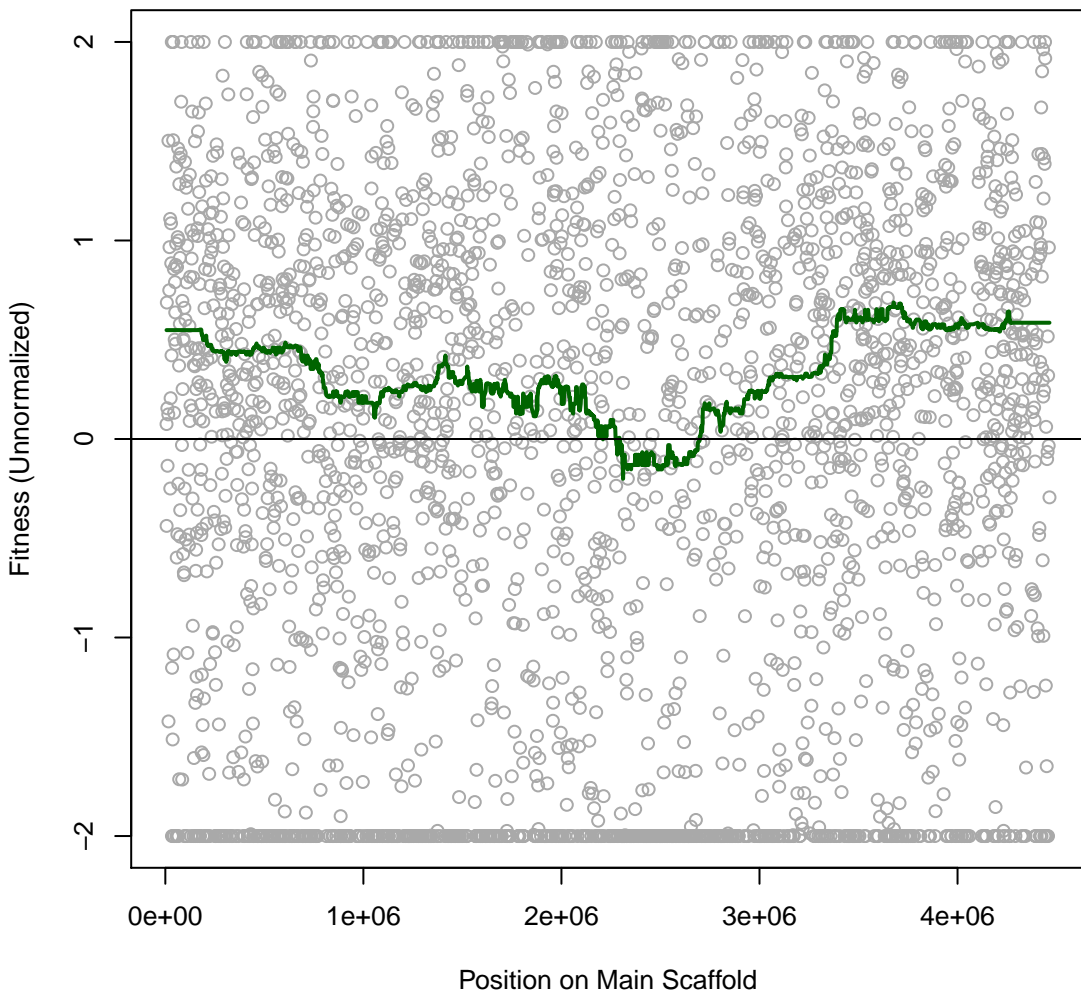


BFirm 3IT066 #108 (gMed=150 rho12=0.150)
L-Phenylalanine (N)

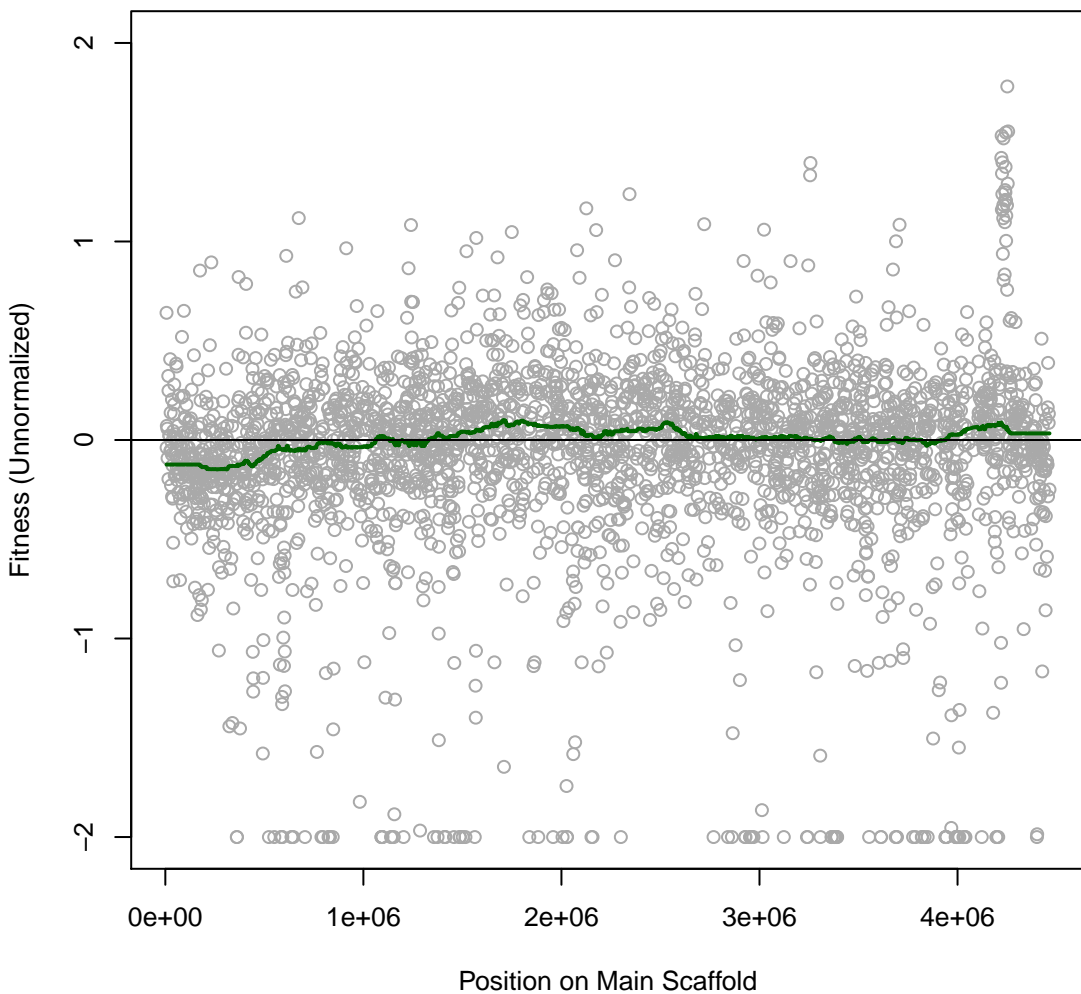


BFirm 3IT067 #109 (gMed=20 rho12=0.033)

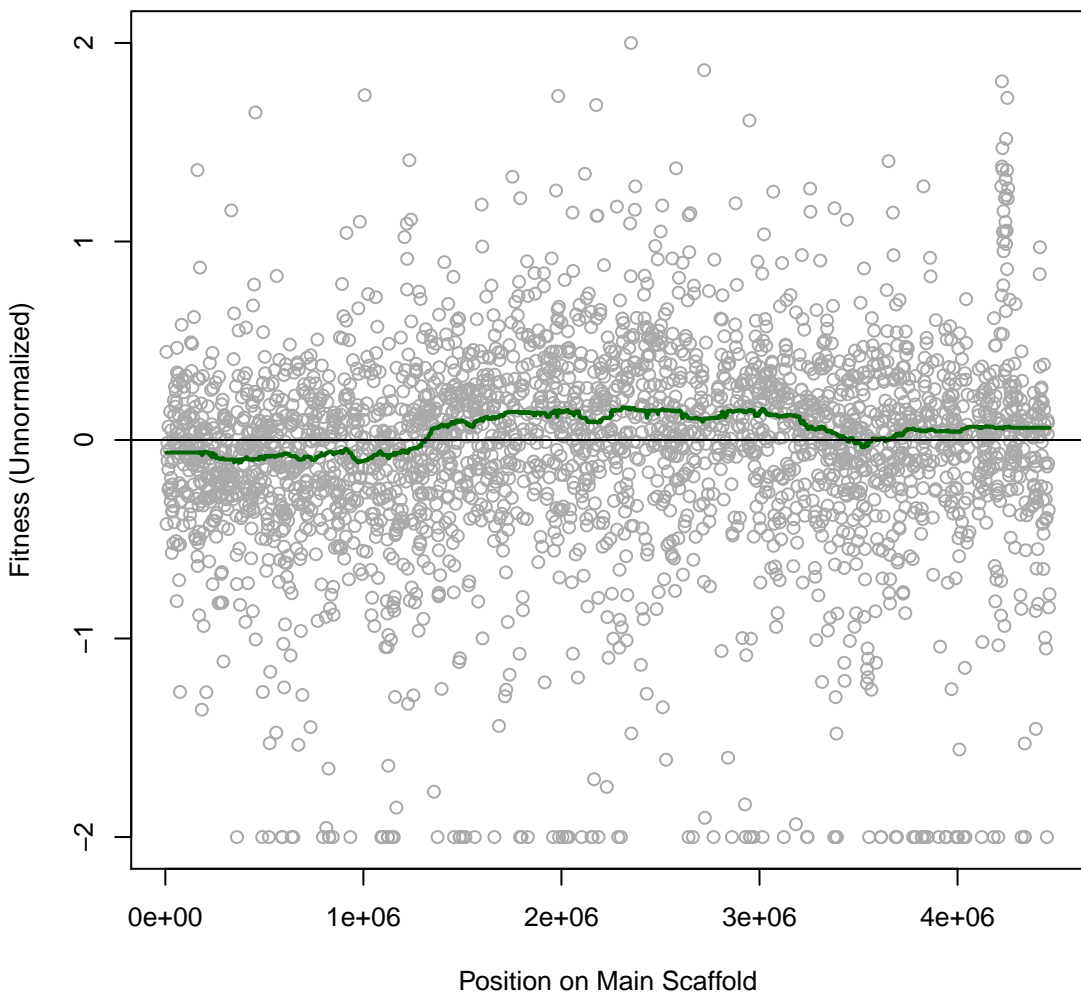
L-tyrosine (N)



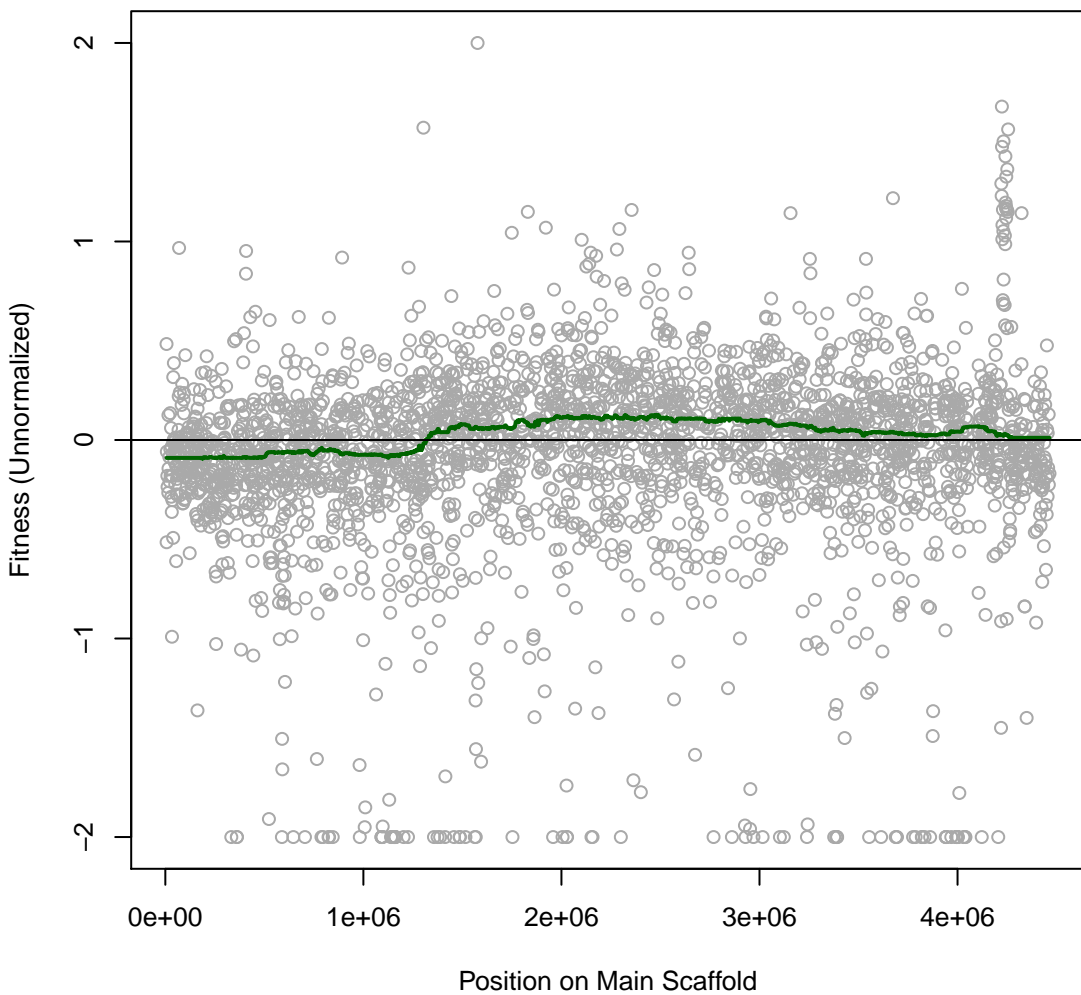
BFirm 3IT068 #110 (gMed=135 rho12=0.191)
D-Alanine (N)



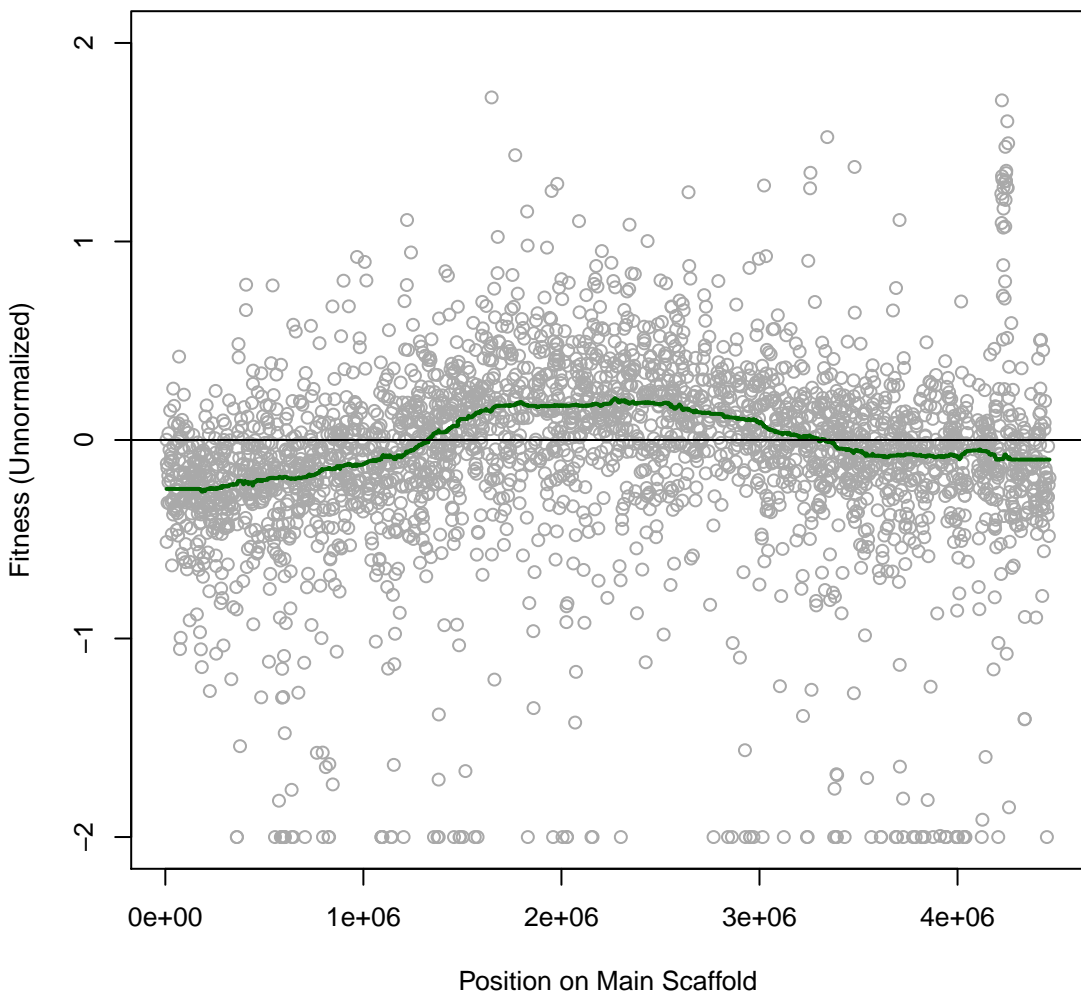
BFirm 3IT069 #111 (gMed=121 rho12=0.077)
Gly-DL-Asp (N)



BFirm 3IT070 #112 (gMed=141 rho12=0.169)
L-Citrulline (N)

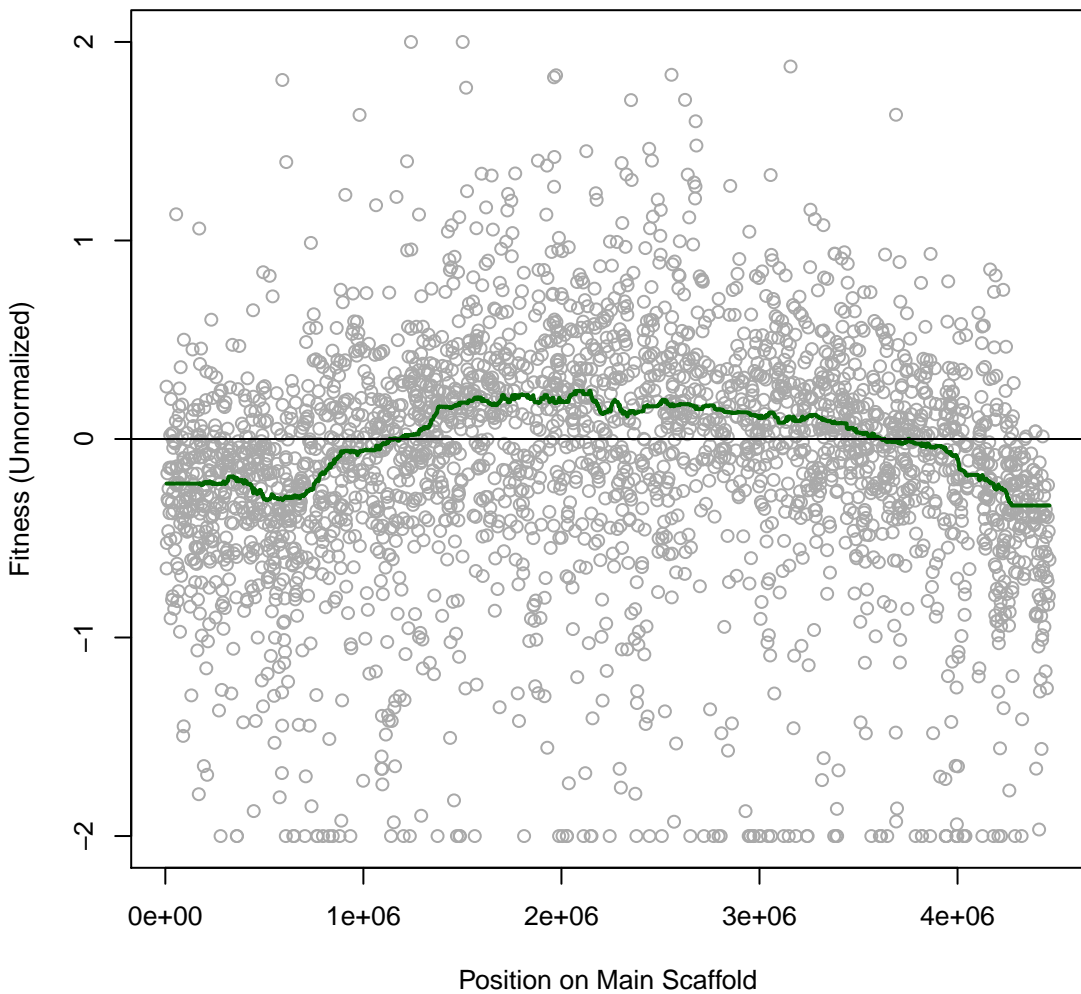


BFirm 3IT071 #113 (gMed=146 rho12=0.196)
Carnitine Hydrochloride (N)

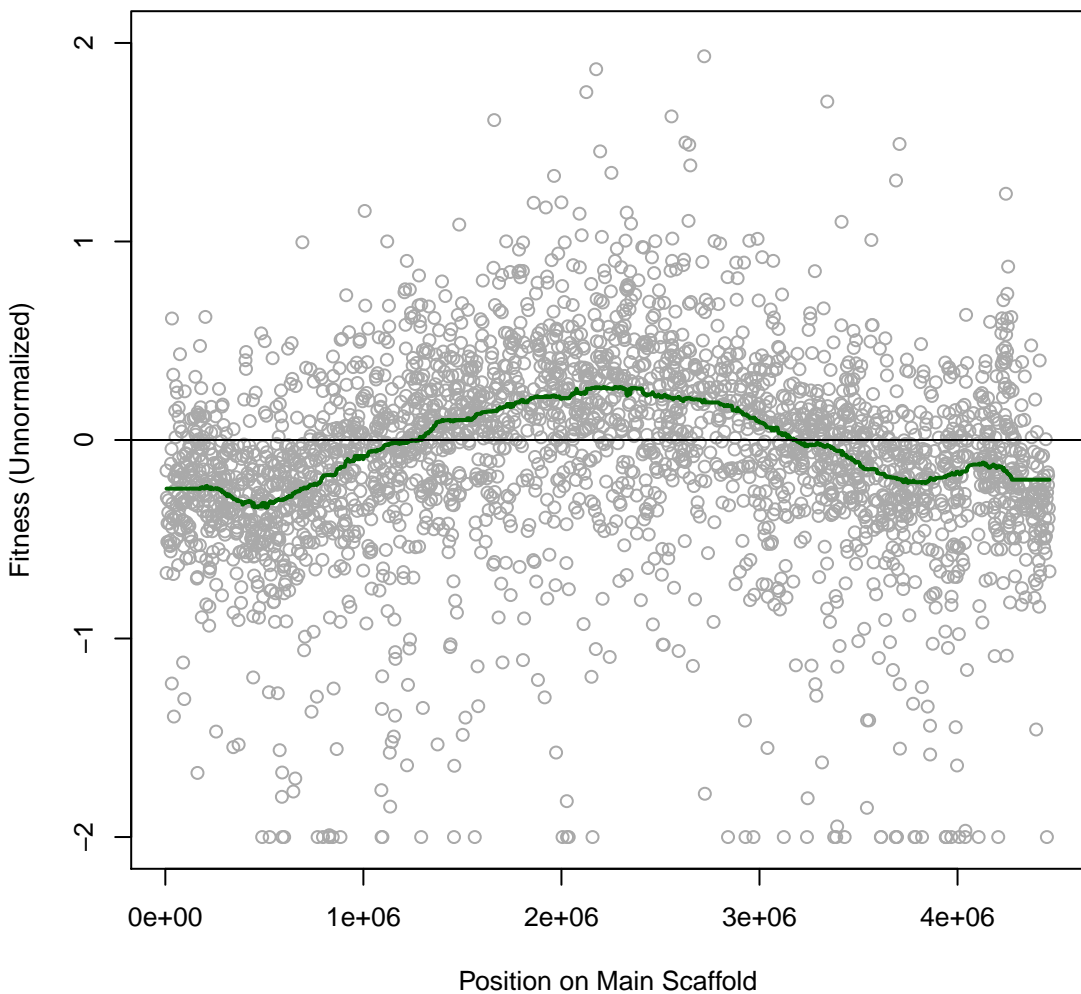


BFirm 3IT072 #114 (gMed=121 rho12=0.073)

Gelatin (N)

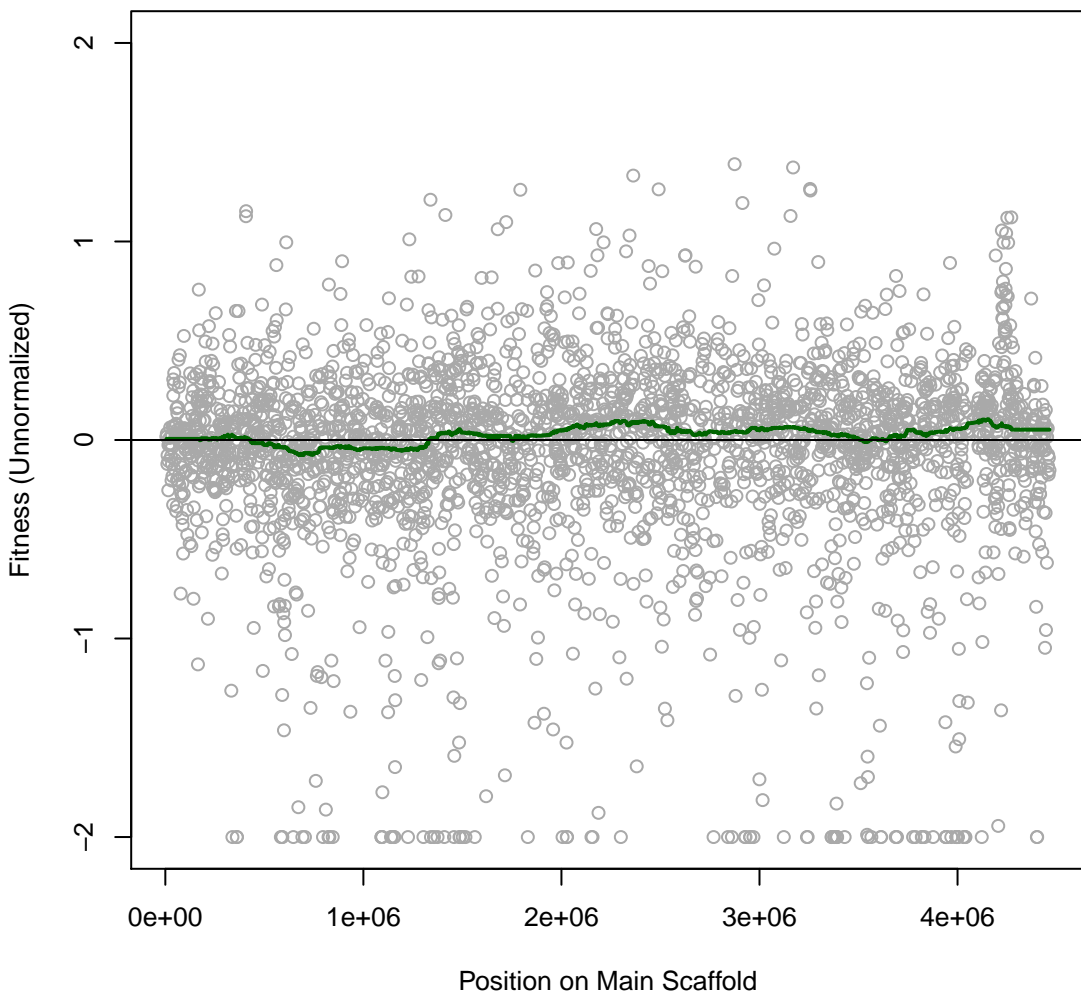


BFirm 3IT073 #115 (gMed=113 rho12=0.093)
casaminos (N)

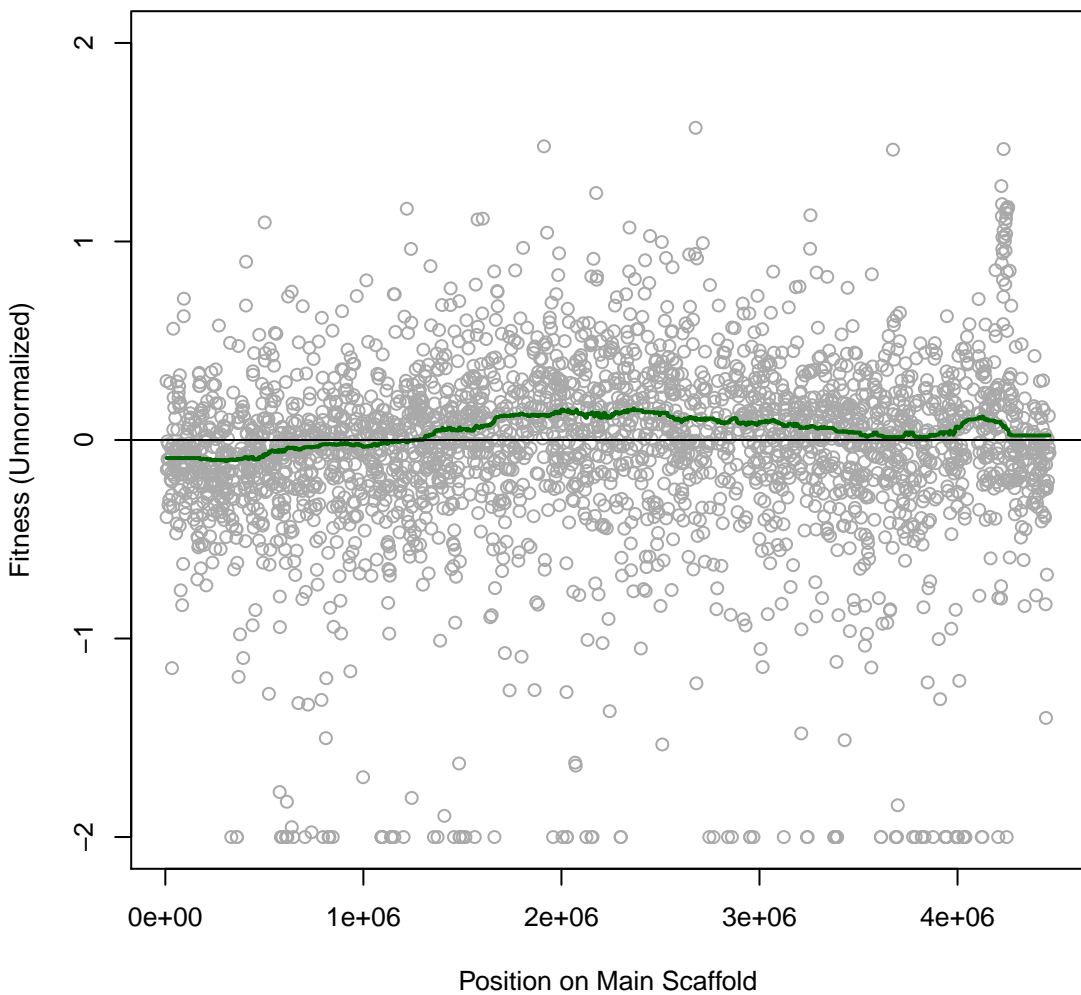


BFirm 3IT074 #116 (gMed=112 rho12=0.176)

Putrescine (N)

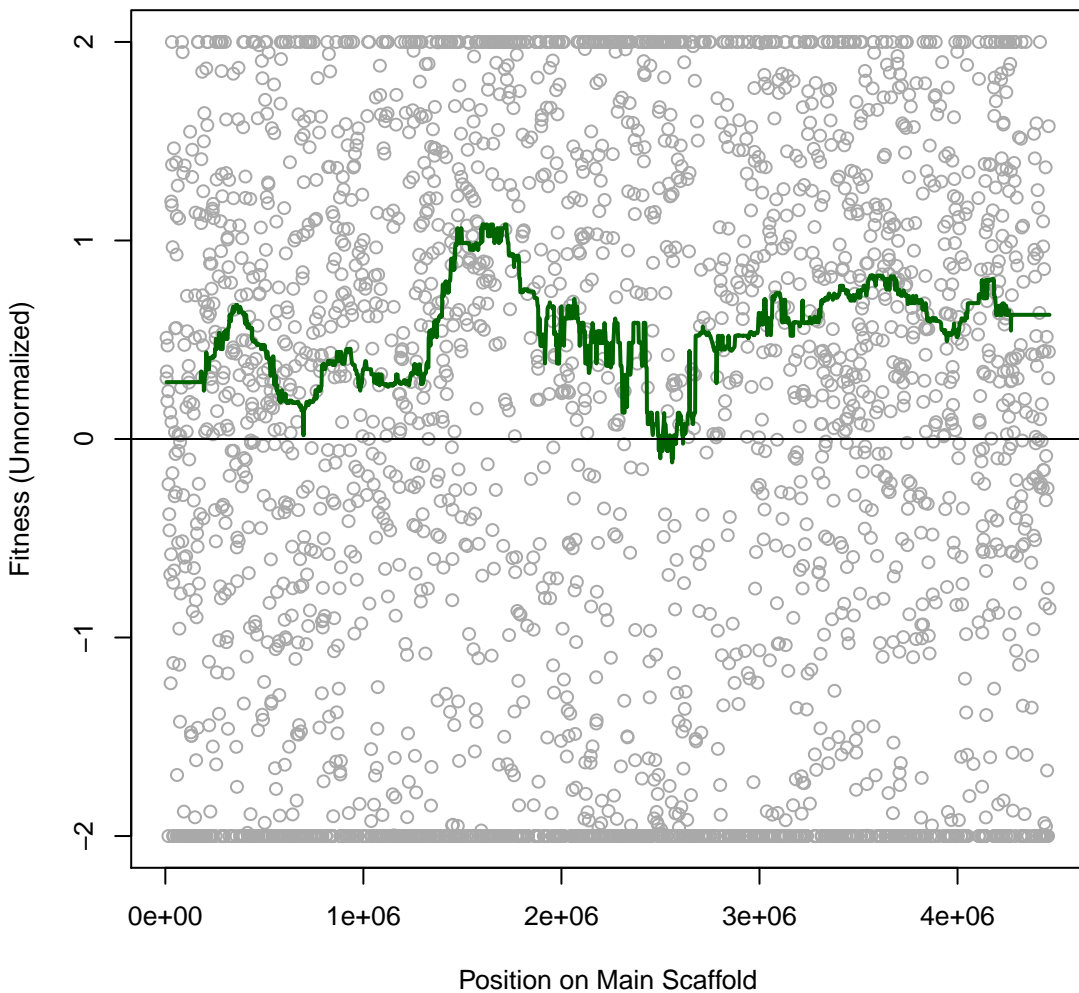


BFirm 3IT075 #117 (gMed=101 rho12=0.140)
NAG (N)



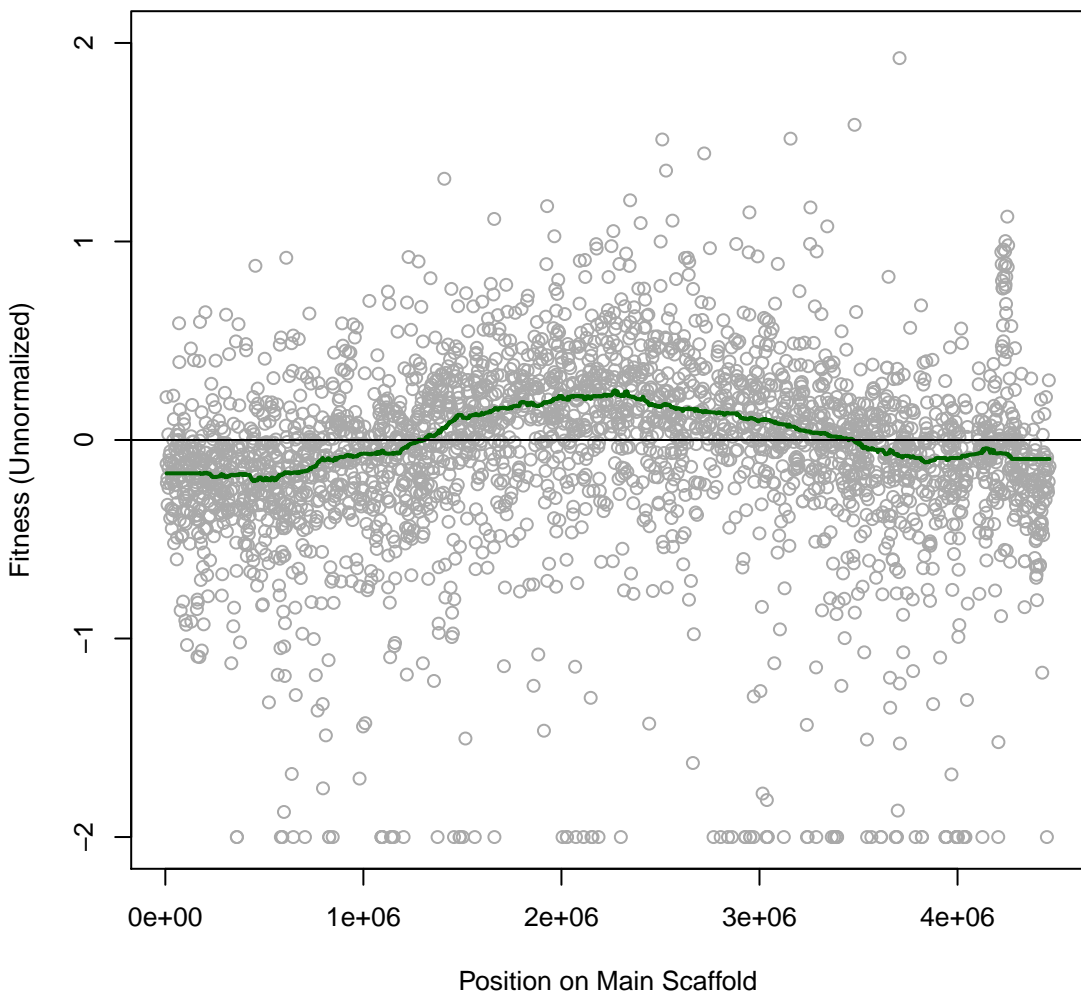
BFirm 3IT076 #118 (gMed=26 rho12=0.066)

Parabanic Acid (N)

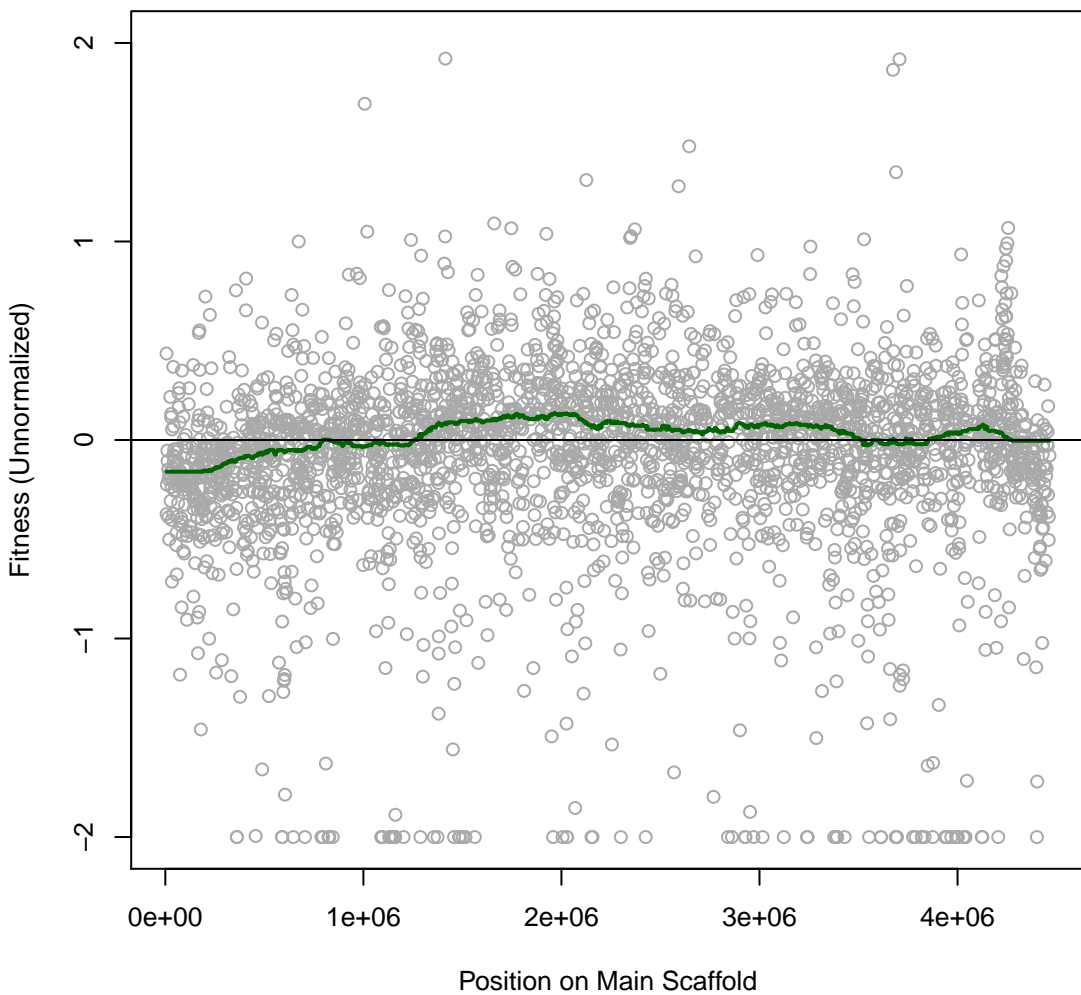


BFirm 3IT077 #119 (gMed=138 rho12=0.148)

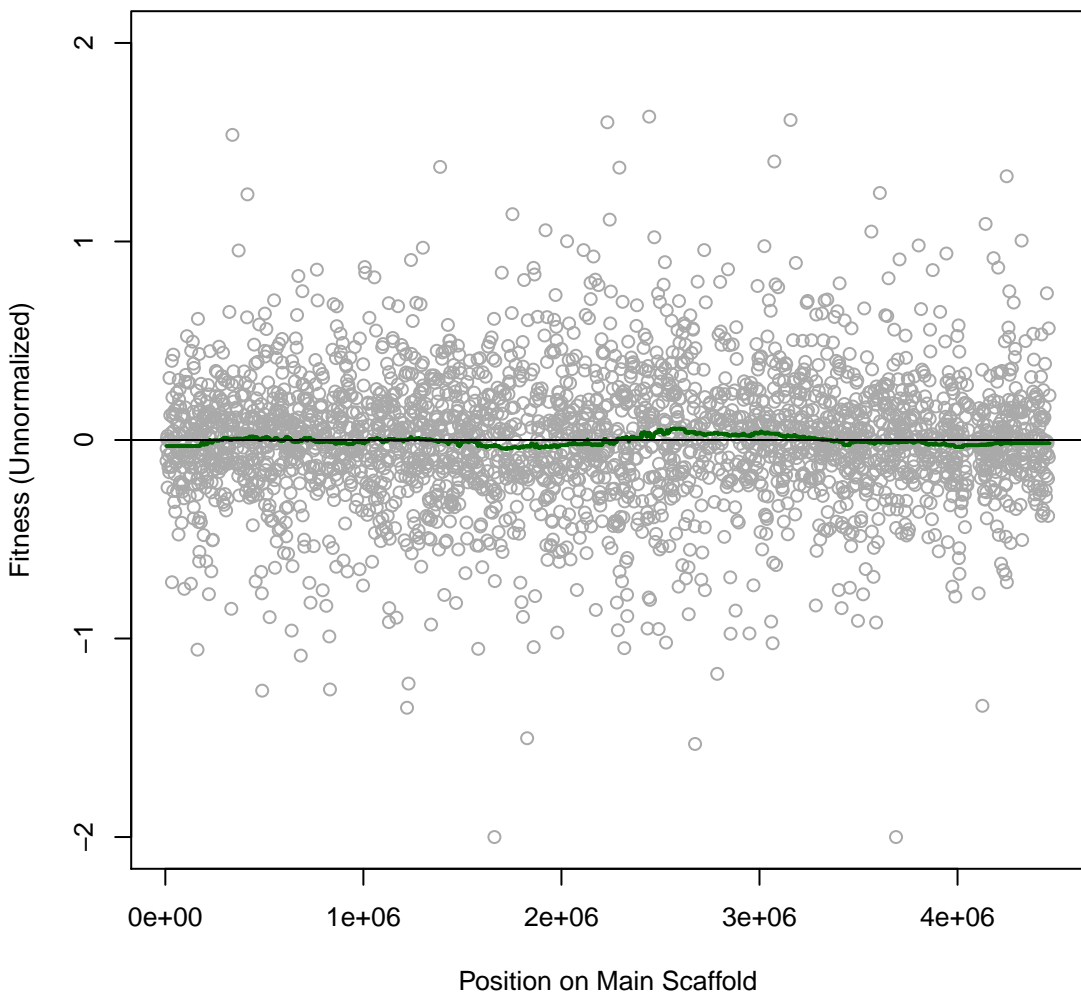
Uridine (N)



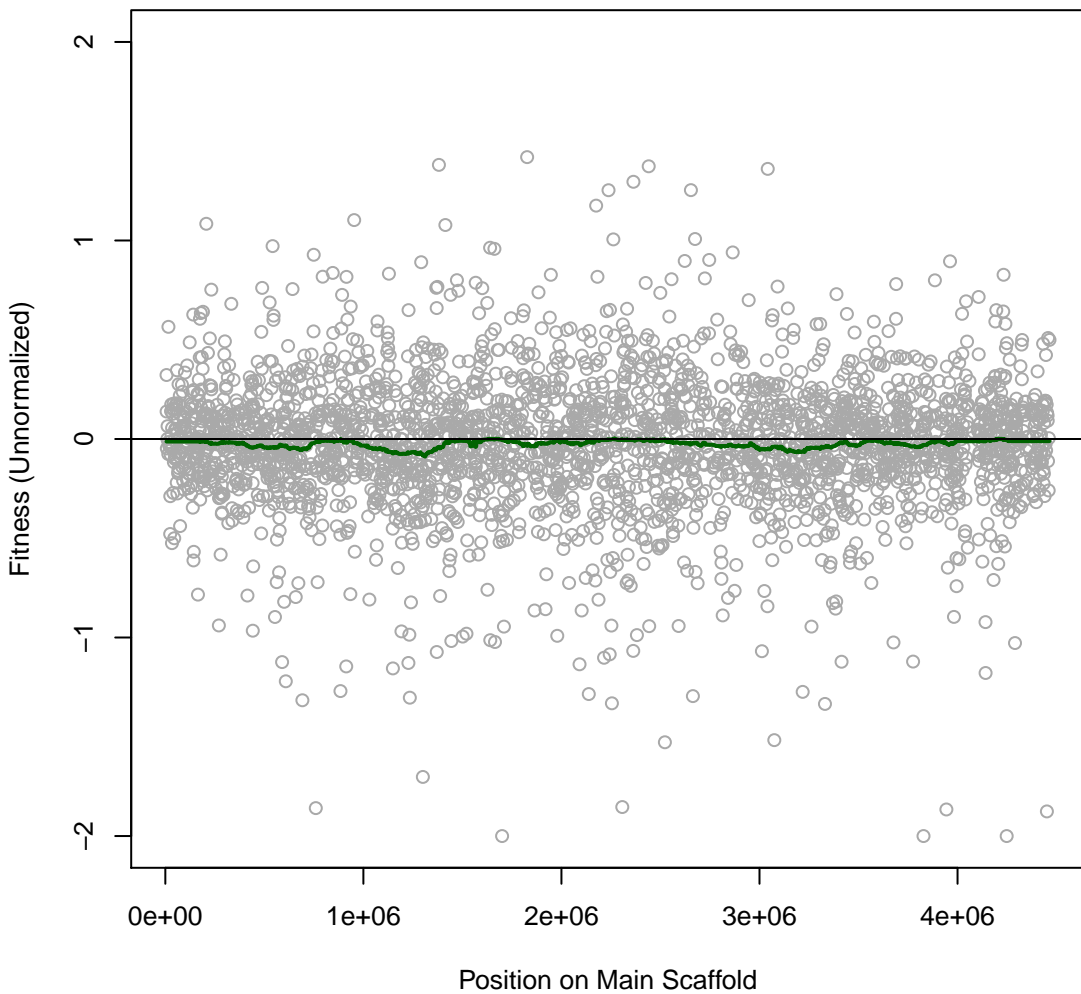
BFirm 3IT078 #120 (gMed=144 rho12=0.139)
Ammonium chloride (N)



BFirm 3IT080 #122 (gMed=160 rho12=-0.002)
Time0

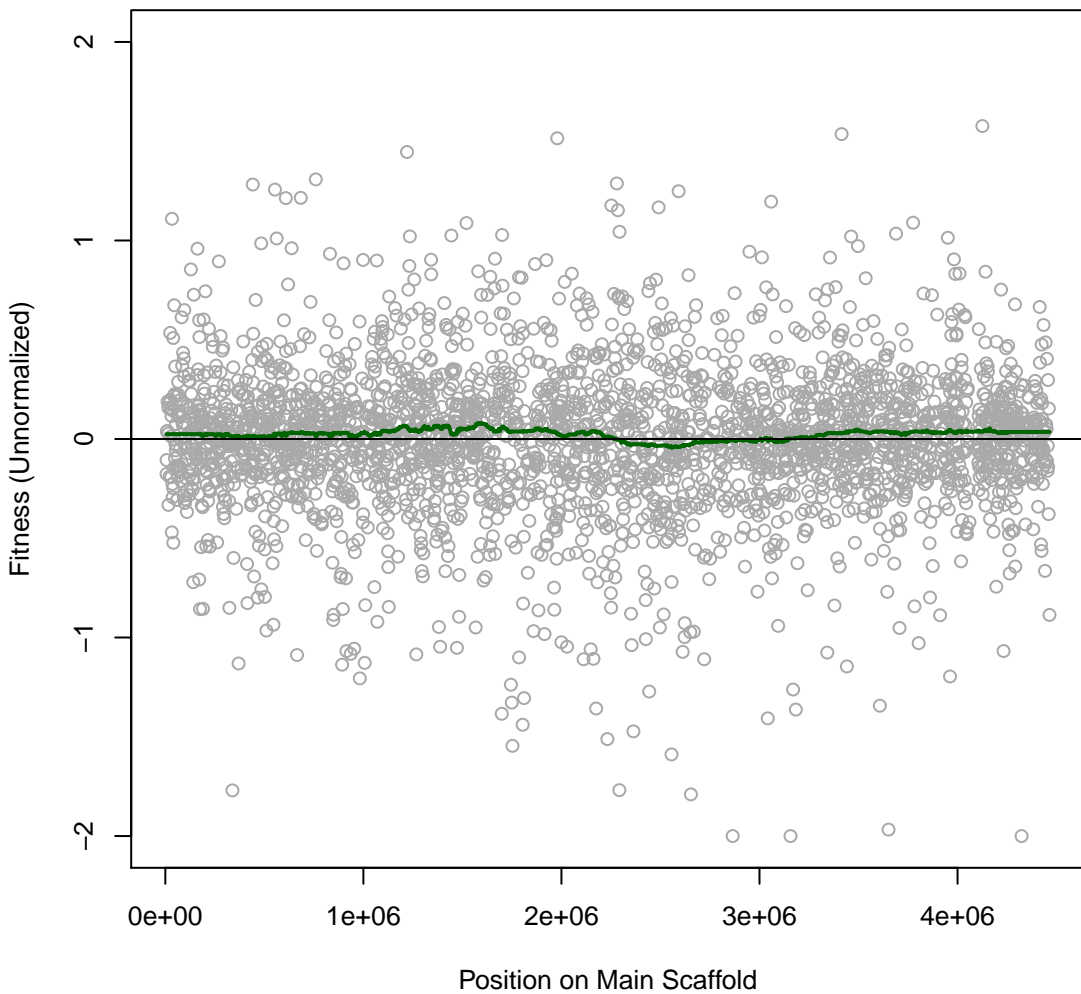


BFirm 3IT081 #123 (gMed=115 rho12=-0.006)
Time0

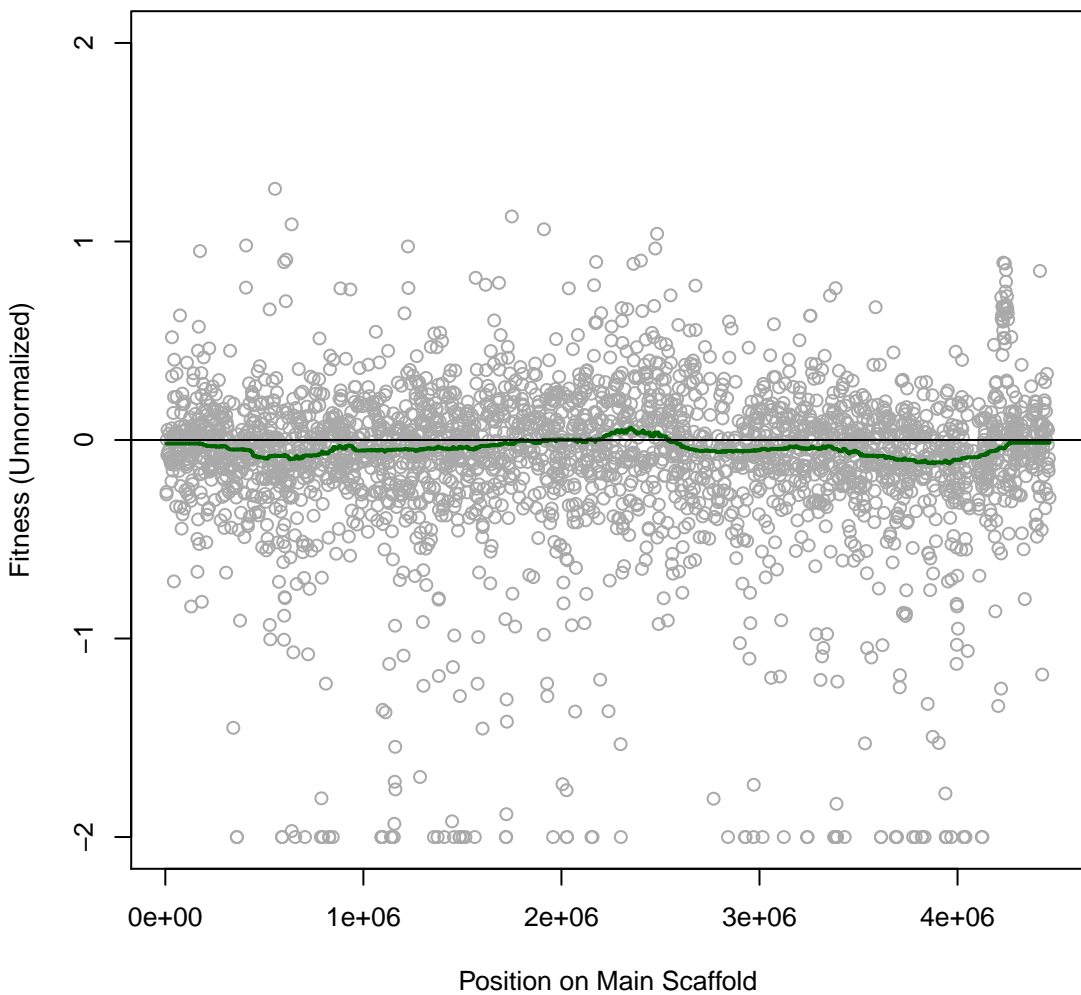


BFirm 3IT082 #124 (gMed=136 rho12=0.015)

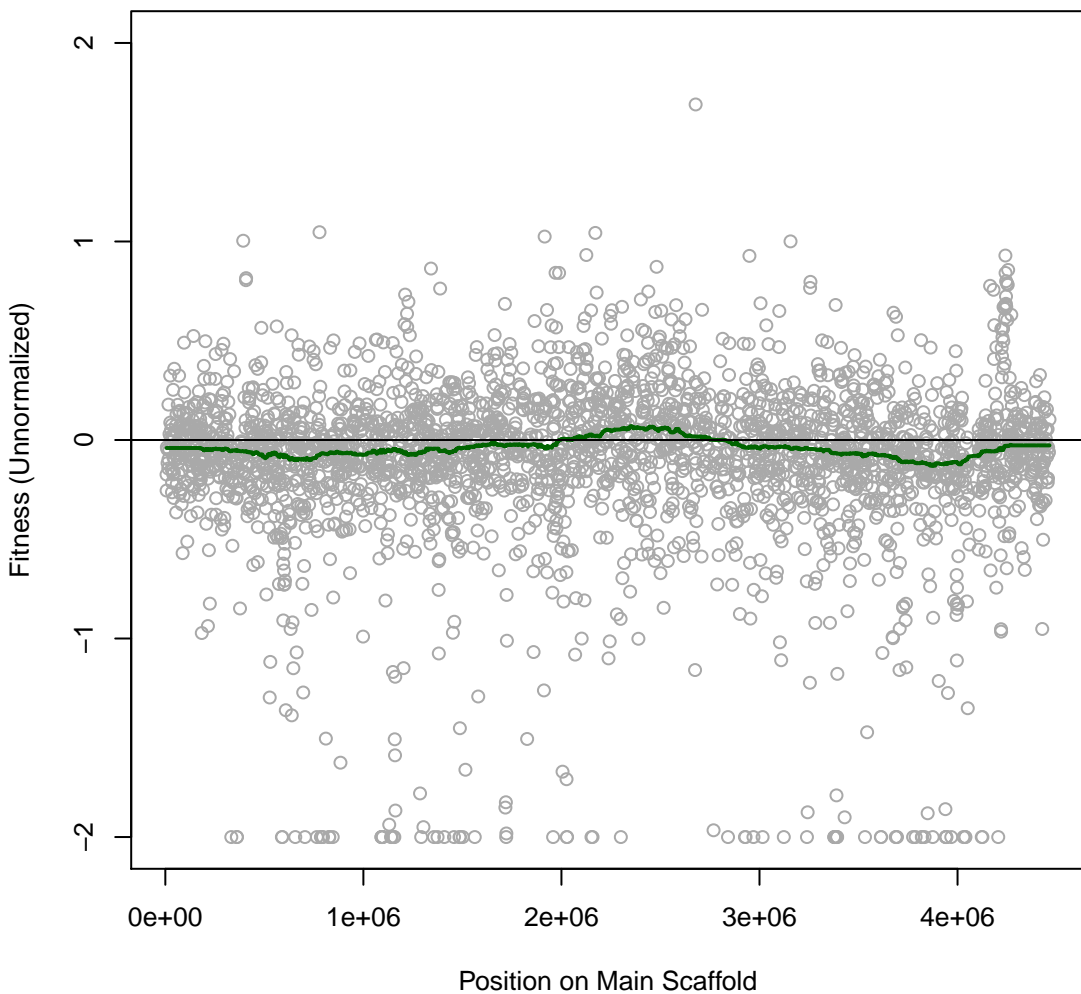
Time0



BFirm 4IT035 #125 (gMed=173 rho12=0.187)
L-Histidine

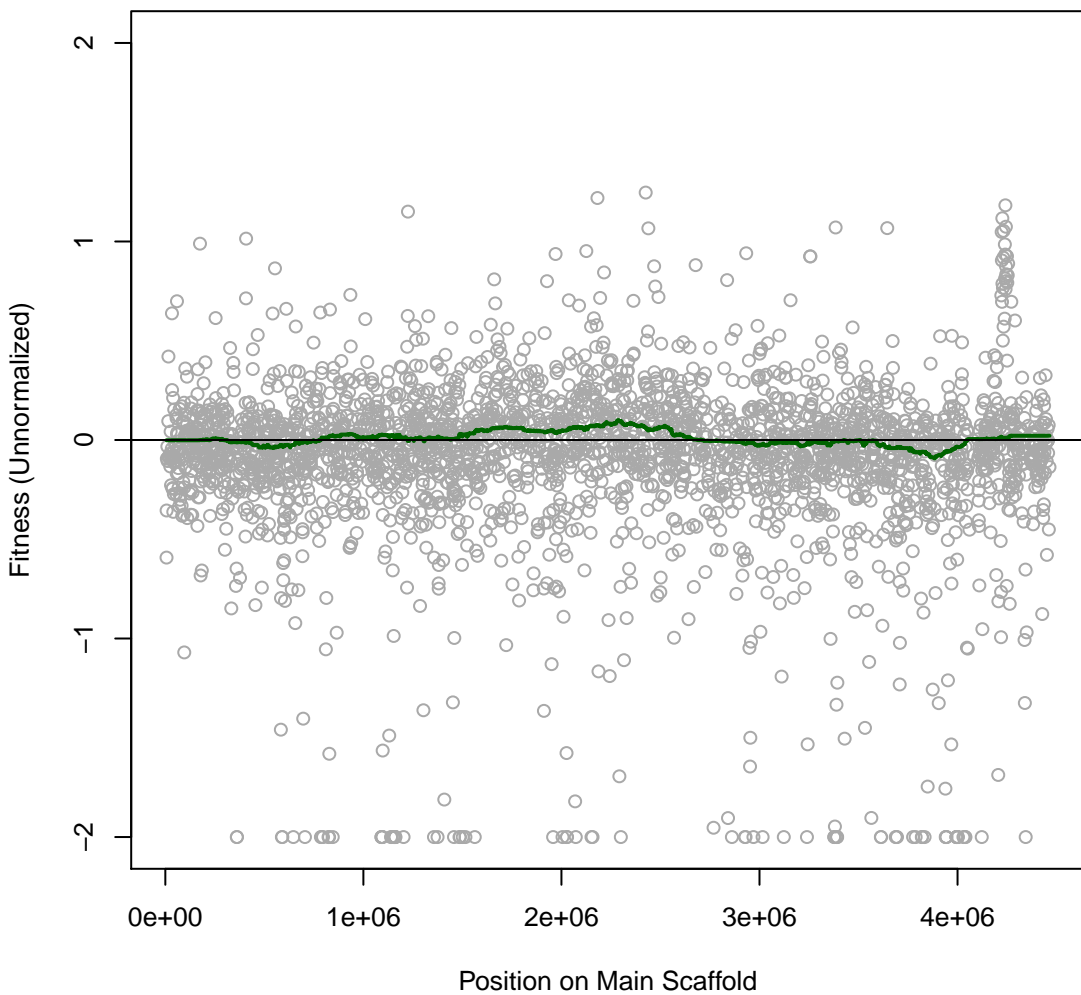


BFirm 4IT036 #126 (gMed=155 rho12=0.165)
L-Histidine

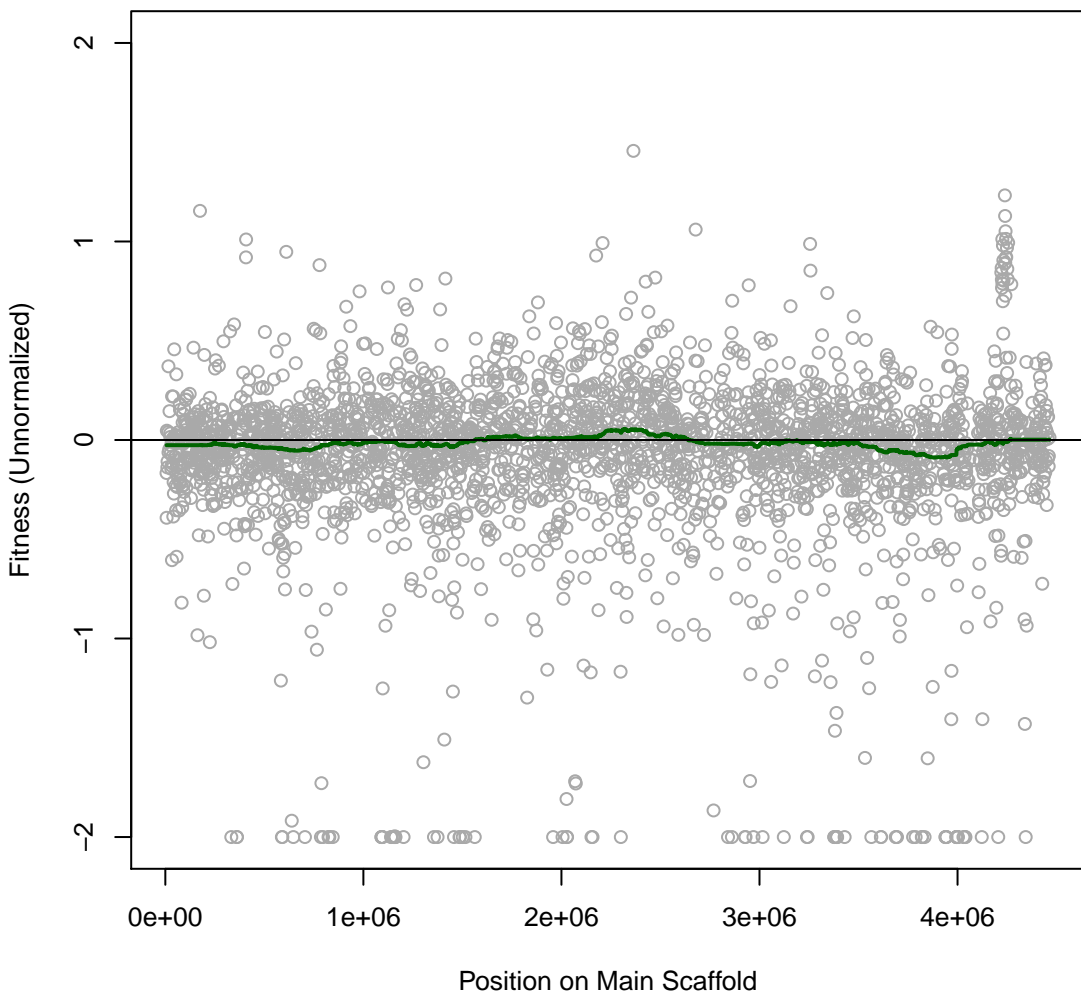


BFirm 4IT037 #127 (gMed=199 rho12=0.192)

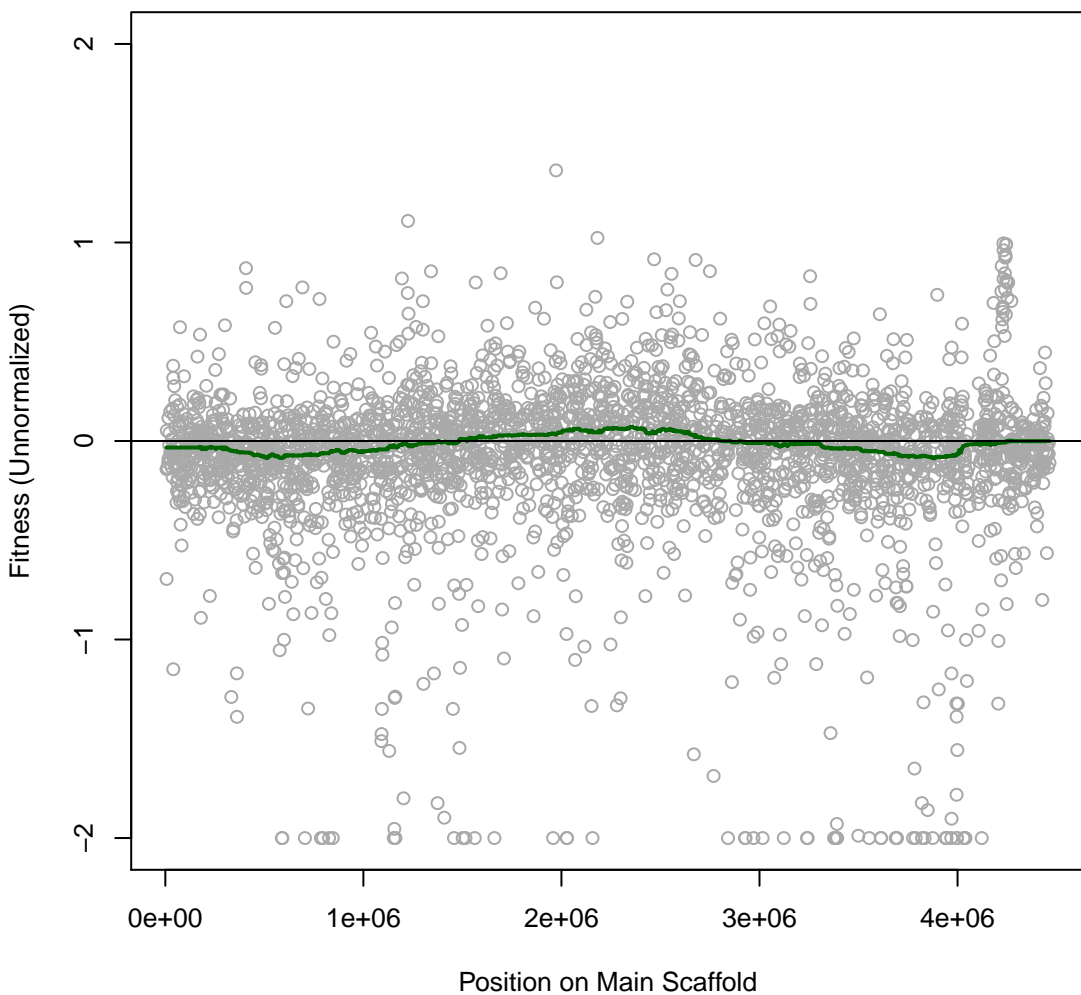
L-Serine



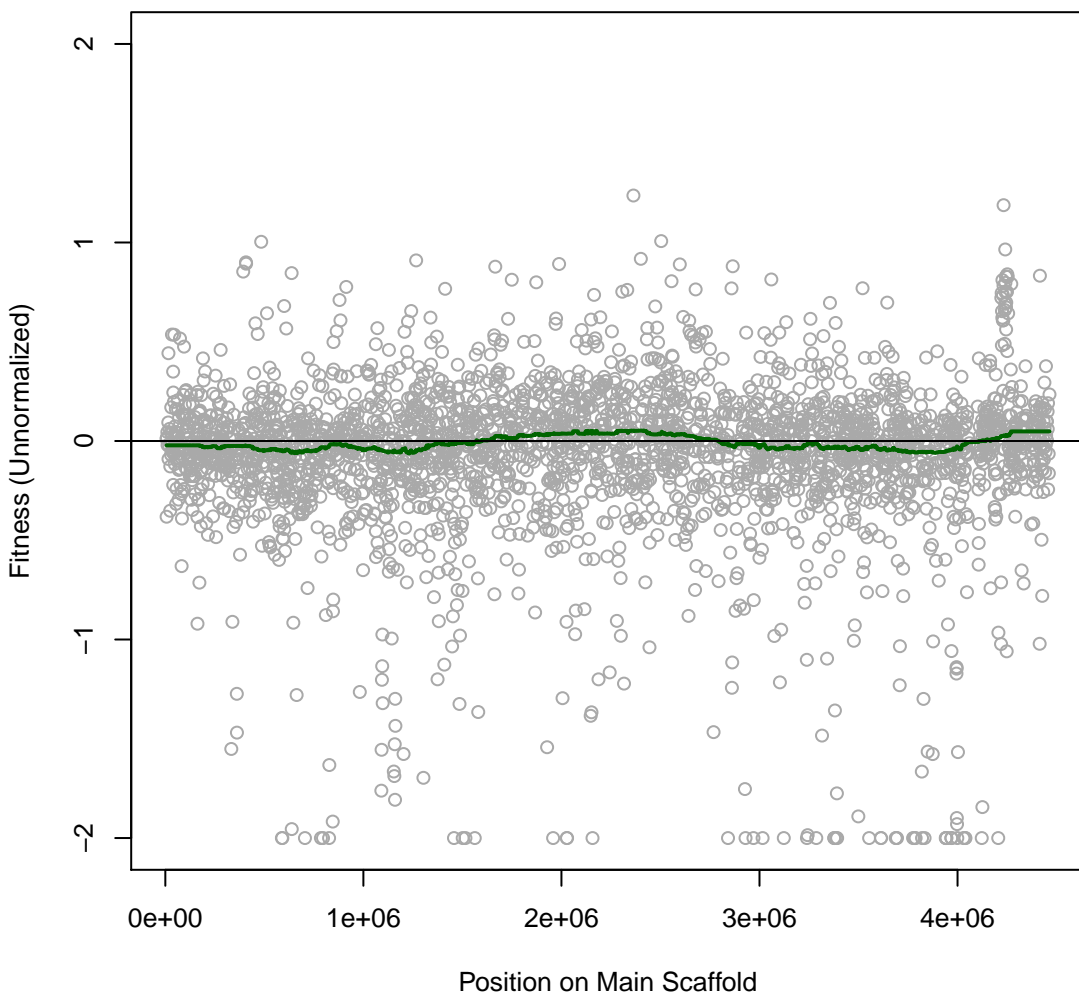
BFirm 4IT038 #128 (gMed=175 rho12=0.156)
L-Serine



BFirm 4IT039 #129 (gMed=174 rho12=0.145)
casaminos

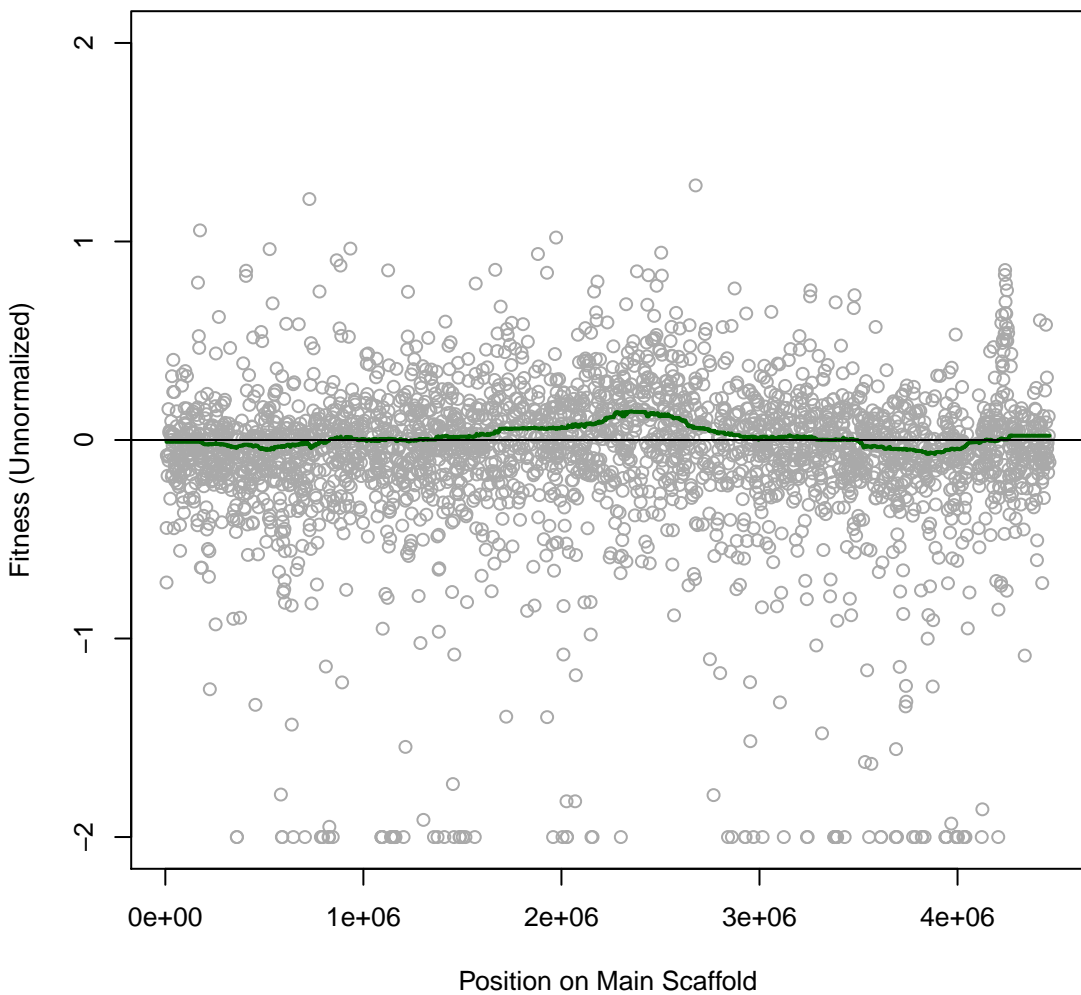


BFirm 4IT040 #130 (gMed=150 rho12=0.117)
casaminos



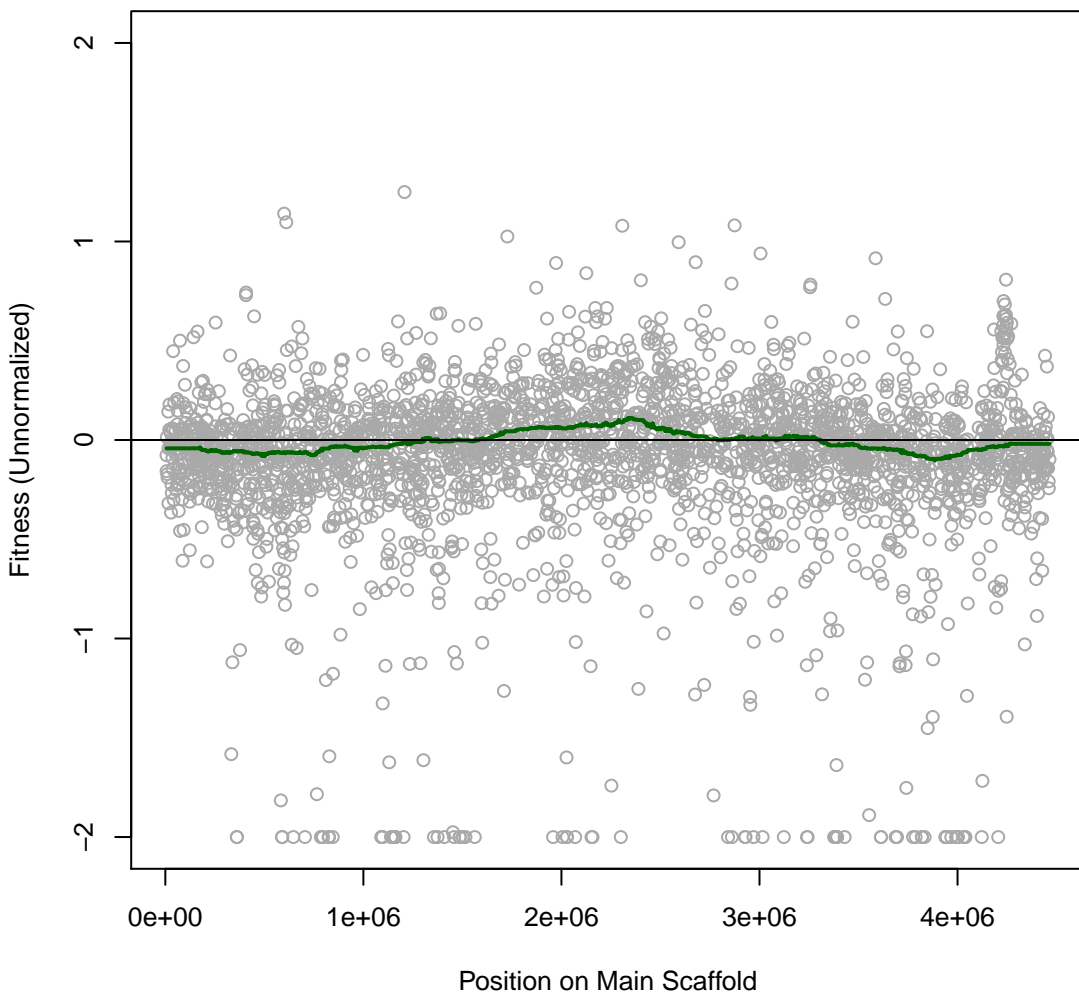
BFirm 4IT041 #131 (gMed=175 rho12=0.140)

Min media with glucose



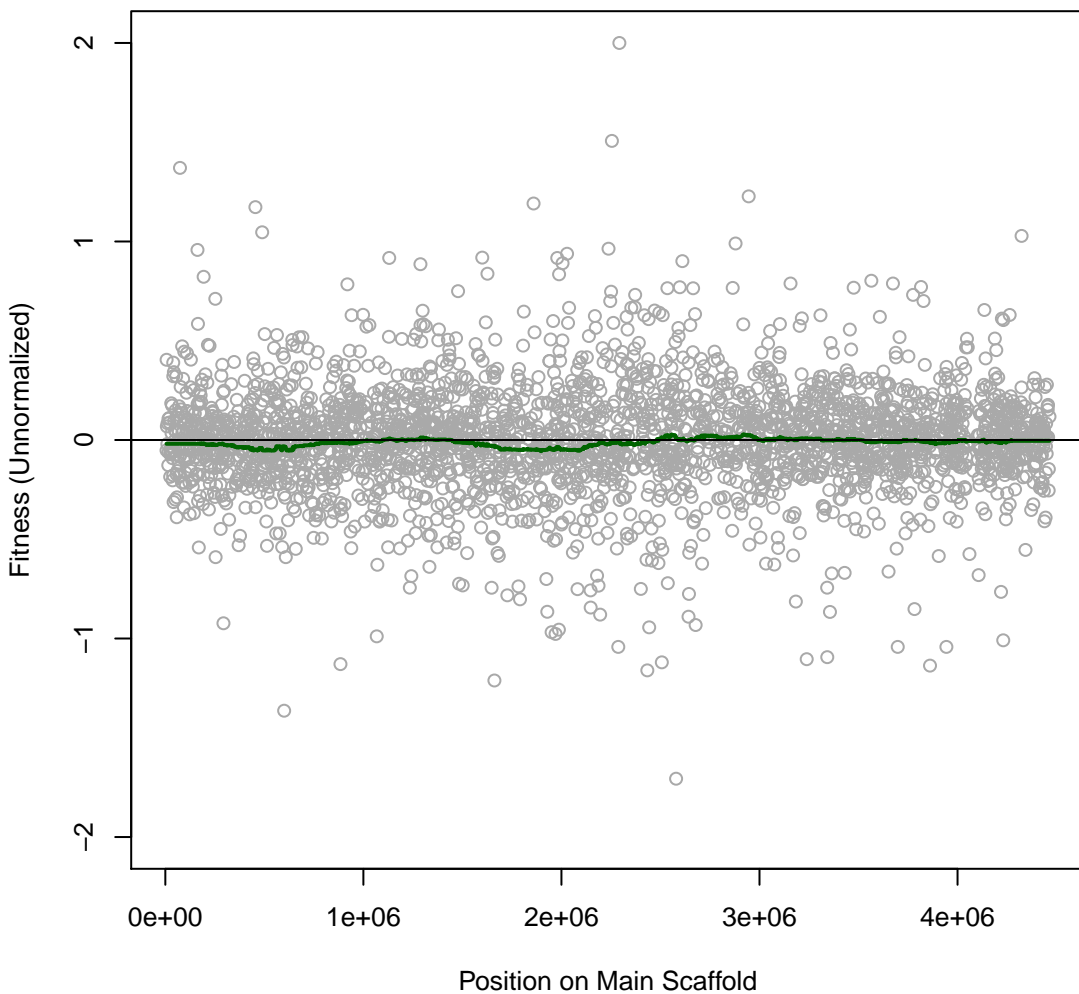
BFirm 4IT042 #132 (gMed=151 rho12=0.154)

Min media with glucose



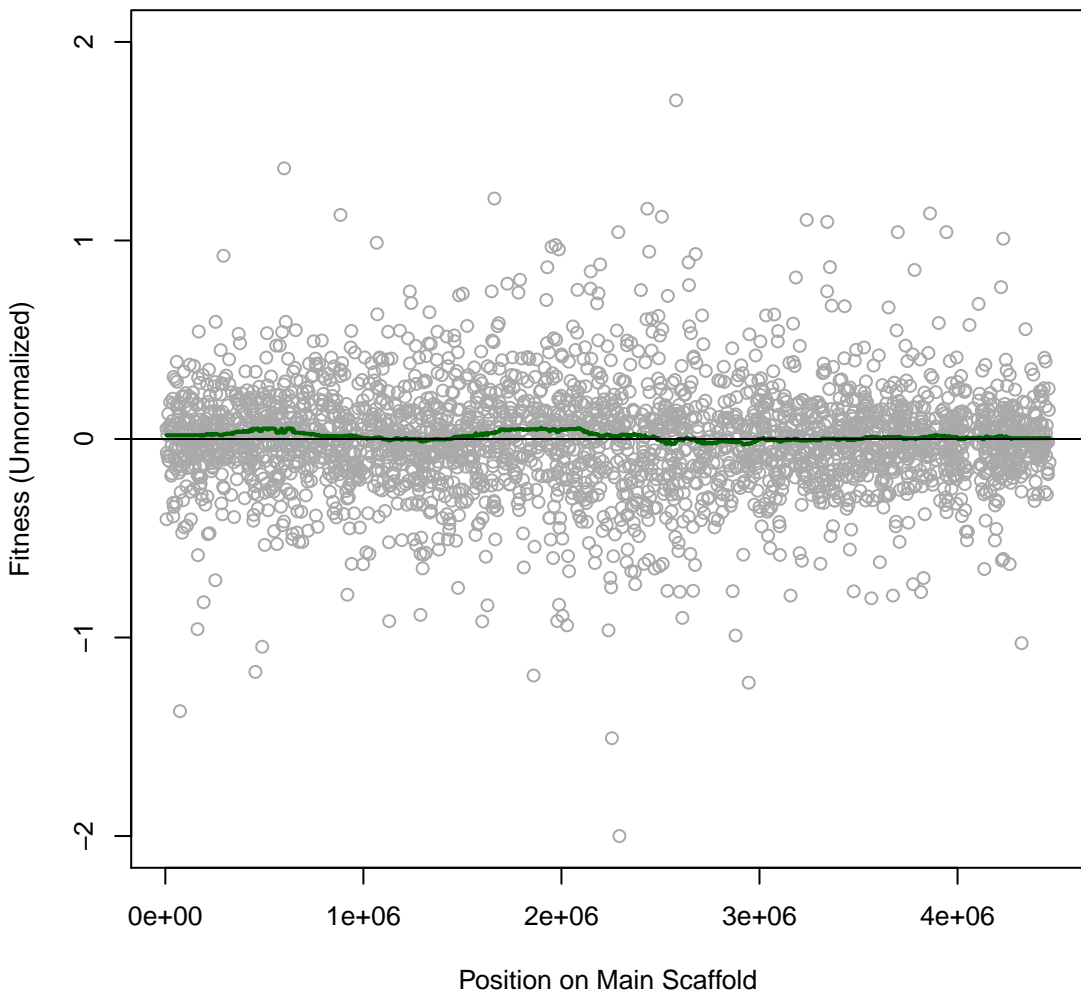
BFirm 4IT043 #133 (gMed=173 rho12=0.038)

Time0

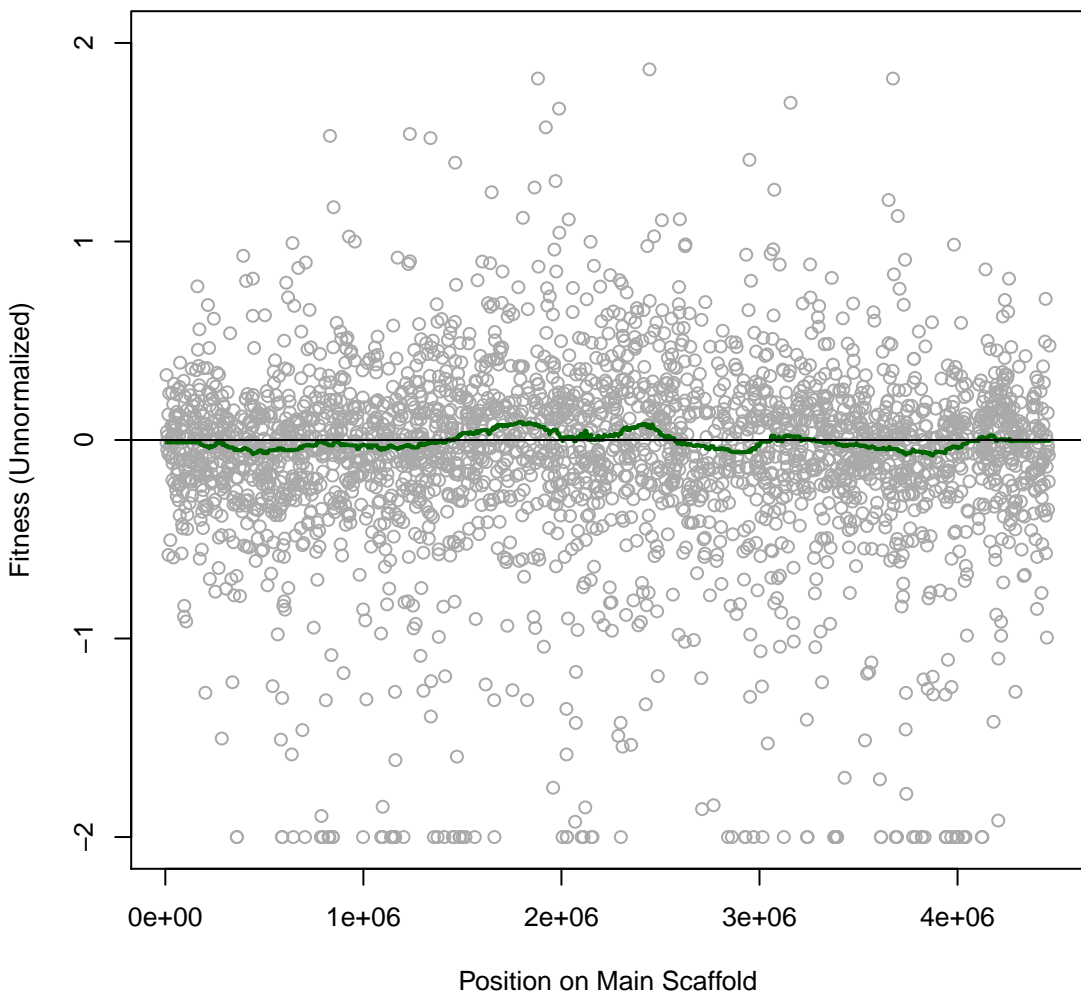


BFirm 4IT044 #134 (gMed=166 rho12=0.038)

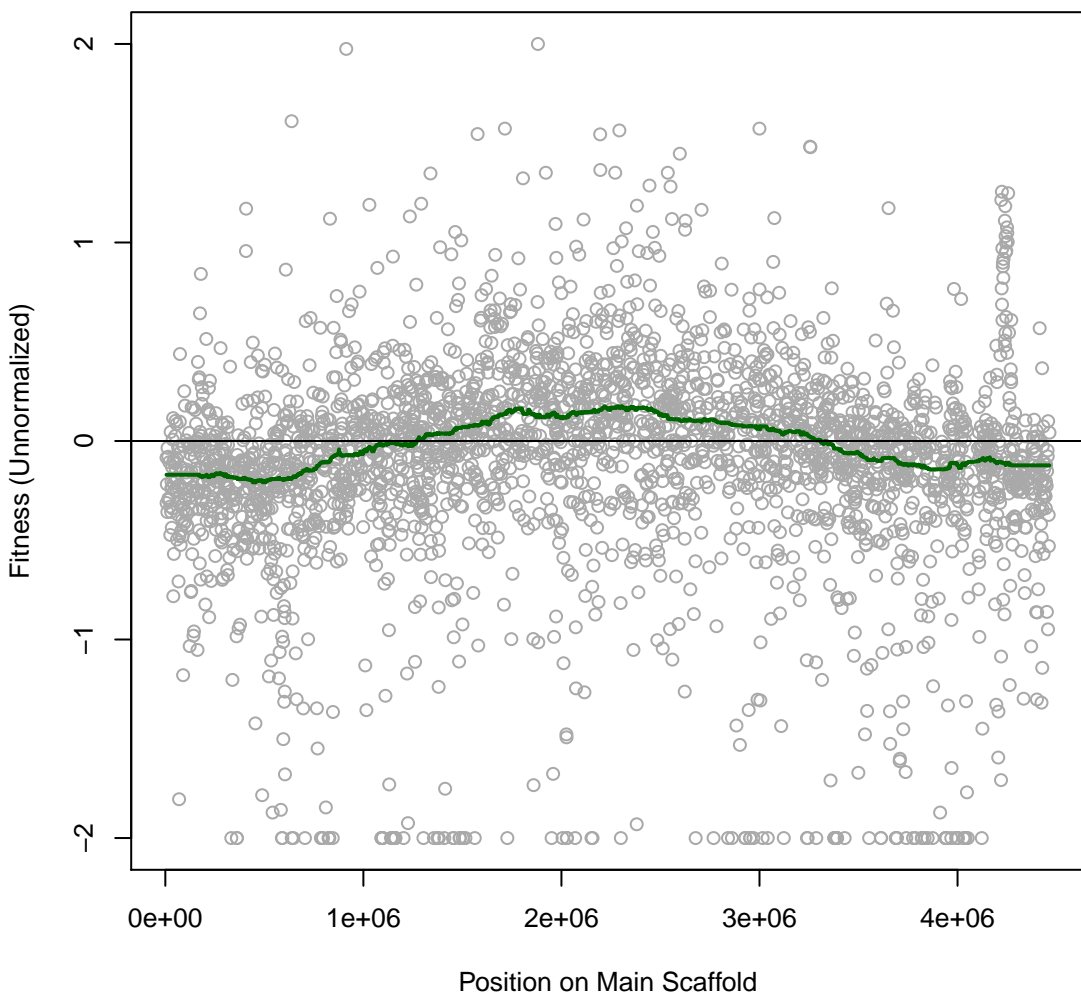
Time0



BFirm 5IT075 #136 (gMed=96 rho12=0.159)
With vitamins t1

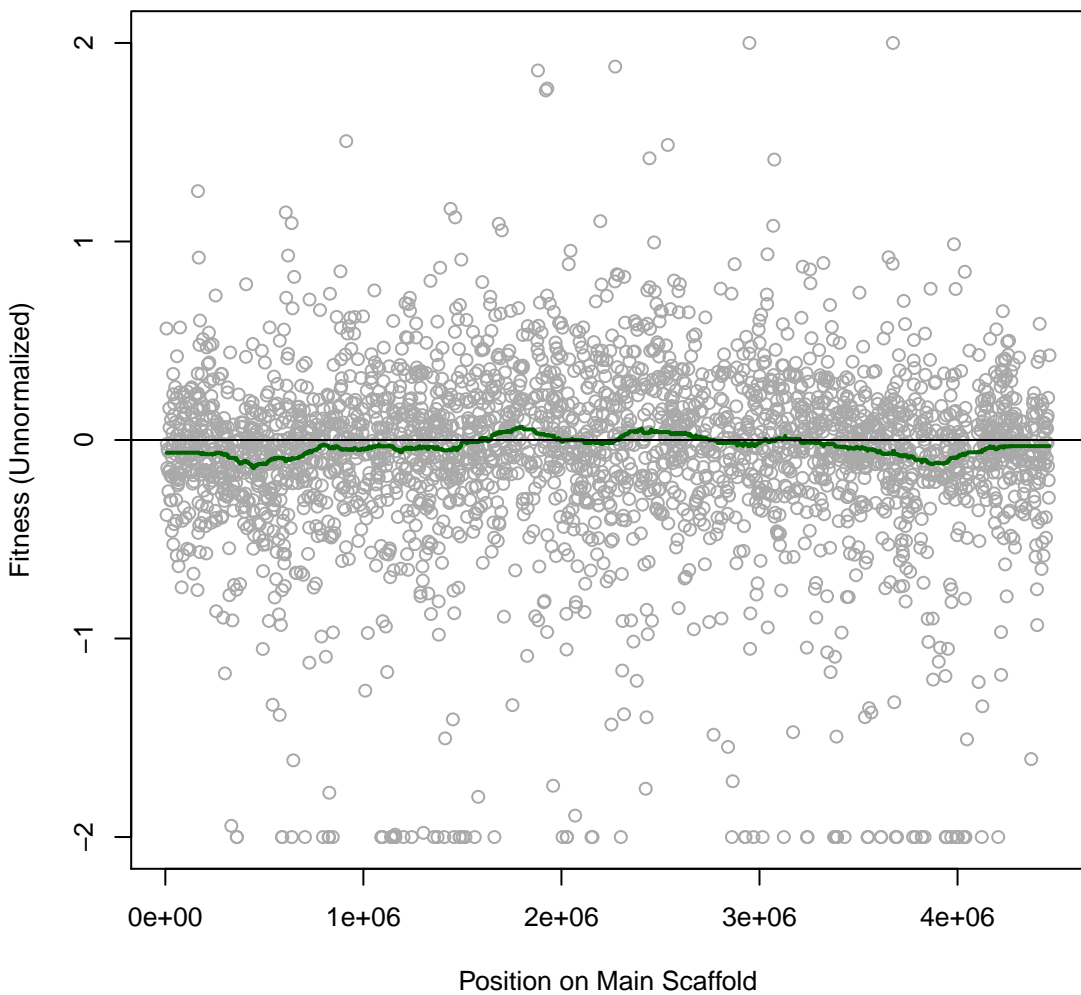


BFirm 5IT076 #137 (gMed=71 rho12=0.184)
With vitamins t2



BFirm 5IT077 #138 (gMed=91 rho12=0.158)

No vitamins t1



BFirm 5IT078 #139 (gMed=82 rho12=0.195)

No vitamins t2

